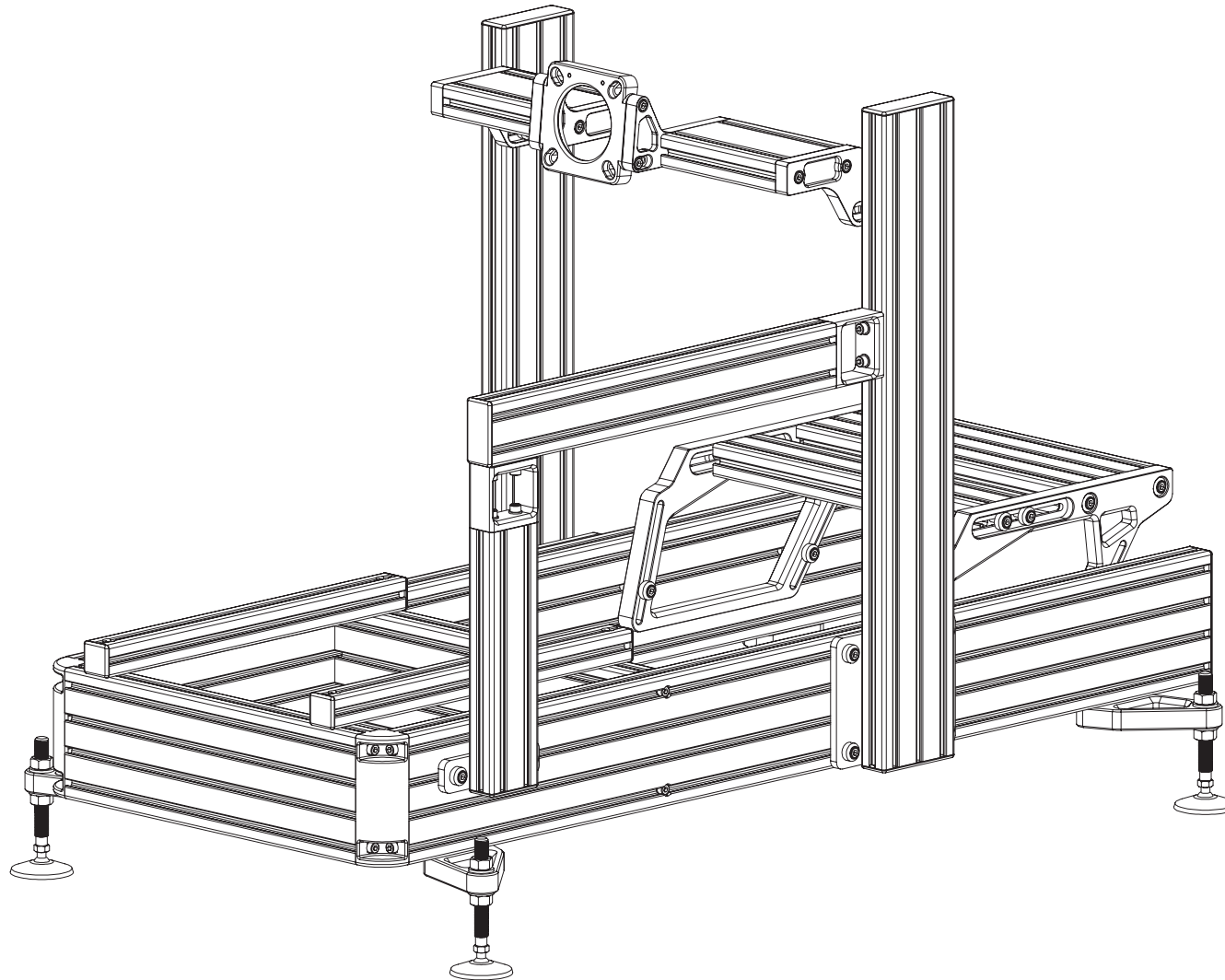


# **SIM LAB**

## INSTRUCTION MANUAL



### **P1X ULTIMATE COCKPIT**

**VERSION 1.01**

Last updated: 27-10-2025

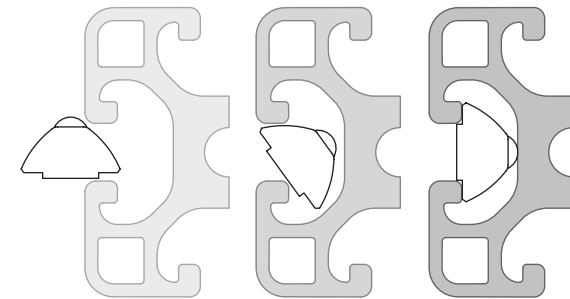
## BEFORE YOU START:

Thank you for purchasing this Sim-Lab product! On the following pages, you will find detailed instructions on assembly. This requires only a set of simple tools and some of your time. Please check the bill of materials before starting (pages 26/27) and make sure all the parts are delivered.

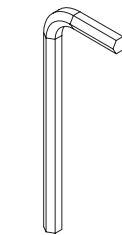
Our trusted workhorse, the P1X, elevated to its ultimate edition. Combining the design language from our P1X PRO cockpit with the proven functionality and aesthetics of the original. This one can't be beat!

### Inserting Slot-Nuts:

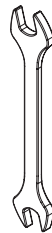
You got excited, finished the build, put the caps on, but forgot to install one element. Do not worry. It happens to everyone. In this diagram, you can see how to insert a Slot-Nut directly into the slot from the side. You can also use one of your smaller Hex wrenches to help wiggle the Slot-Nut in place.



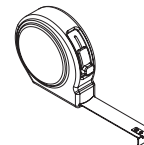
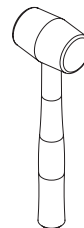
### Tools needed:



5/6MM



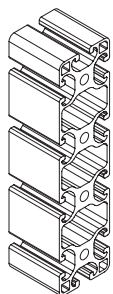
24MM



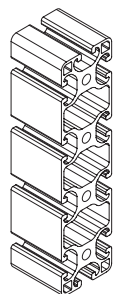
1350MM

500MM

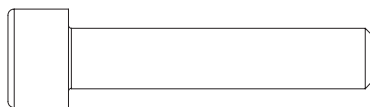
M8 X 40

Washer M8  
(DIN 988)

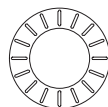
2X



1X

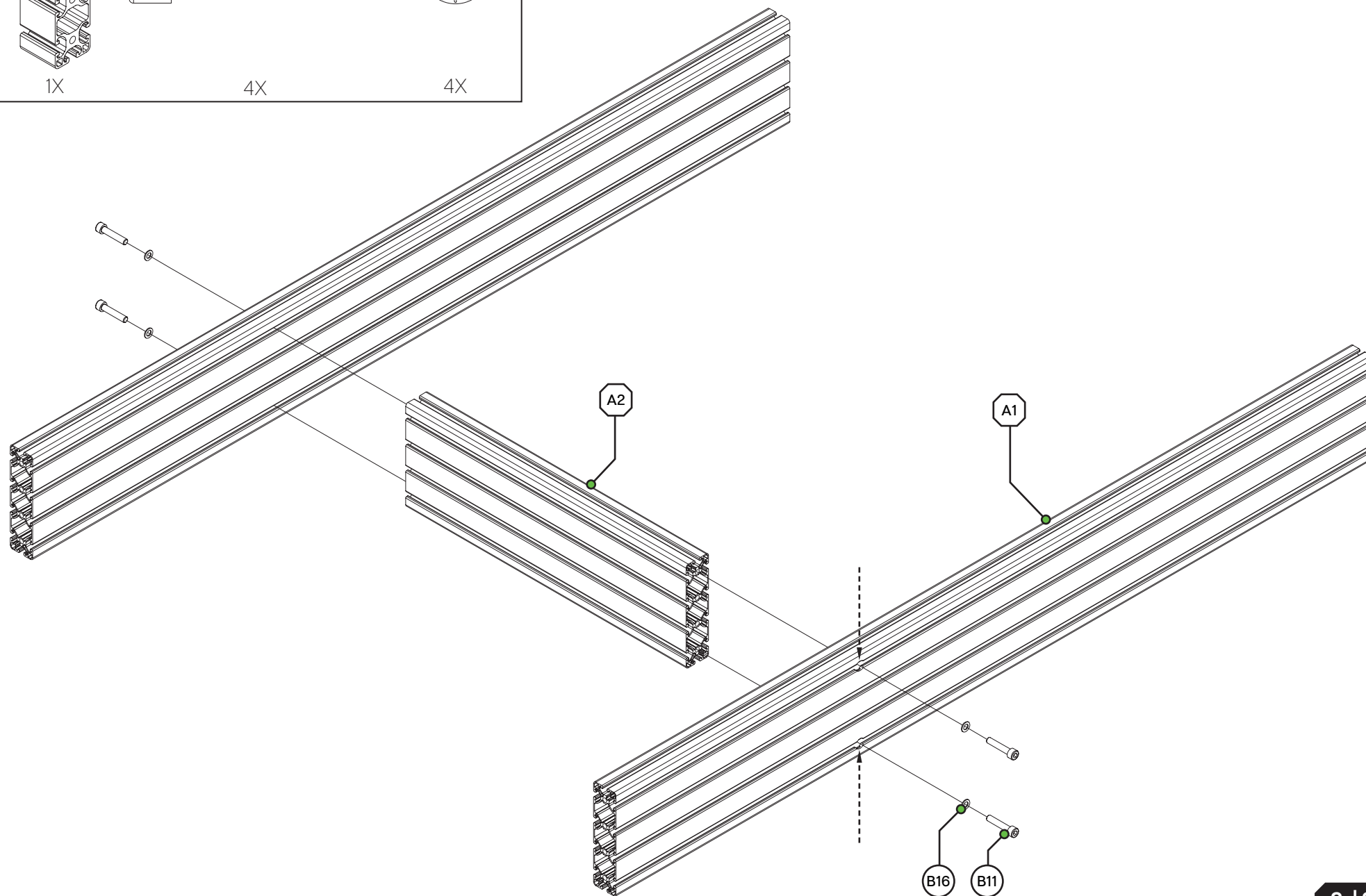


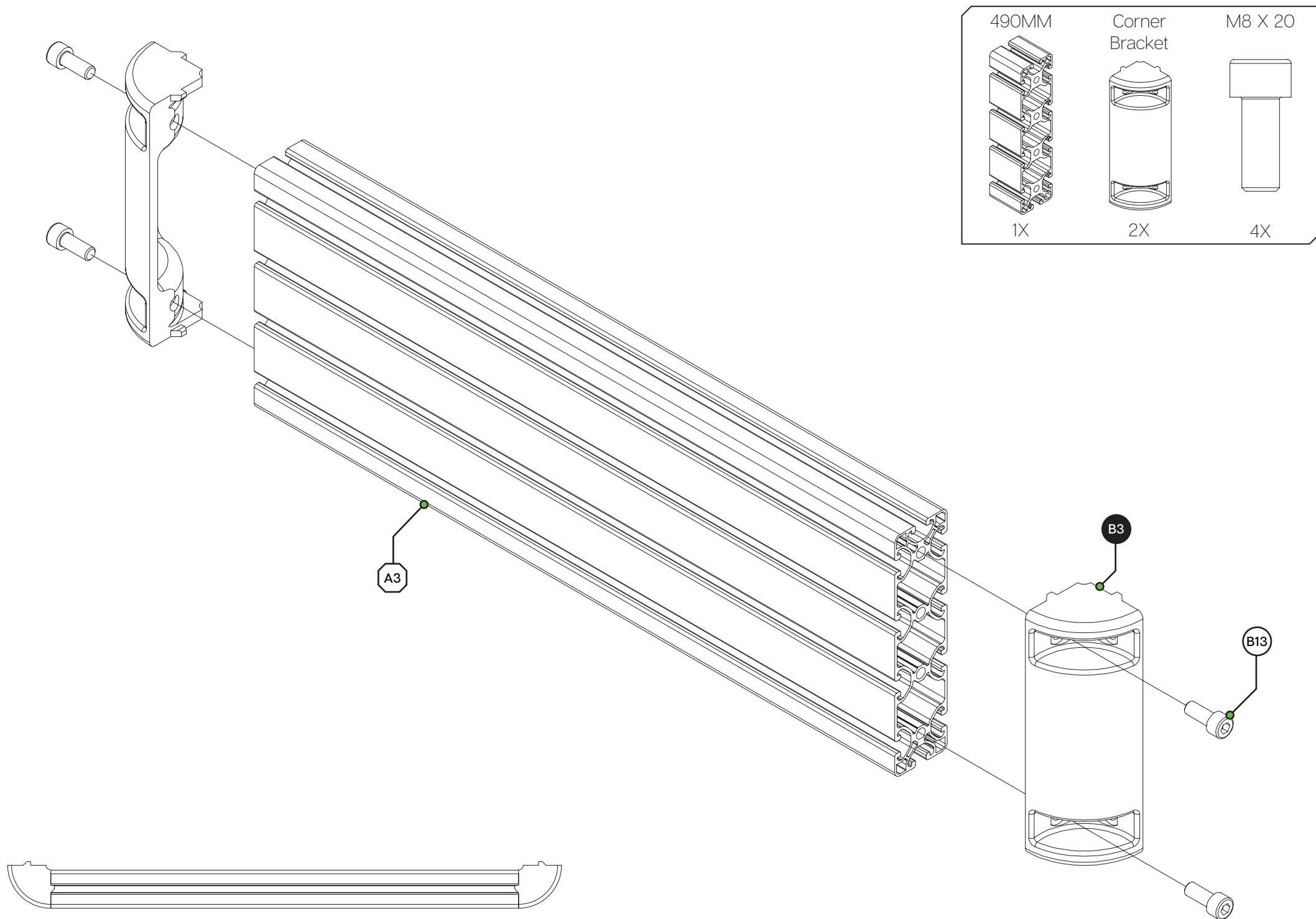
4X



4X

Note: the counterbores should point (arrows)  
to the outside of the cockpit.



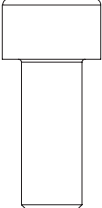


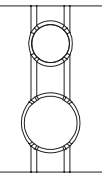
Profile 160x40  
End-Cap

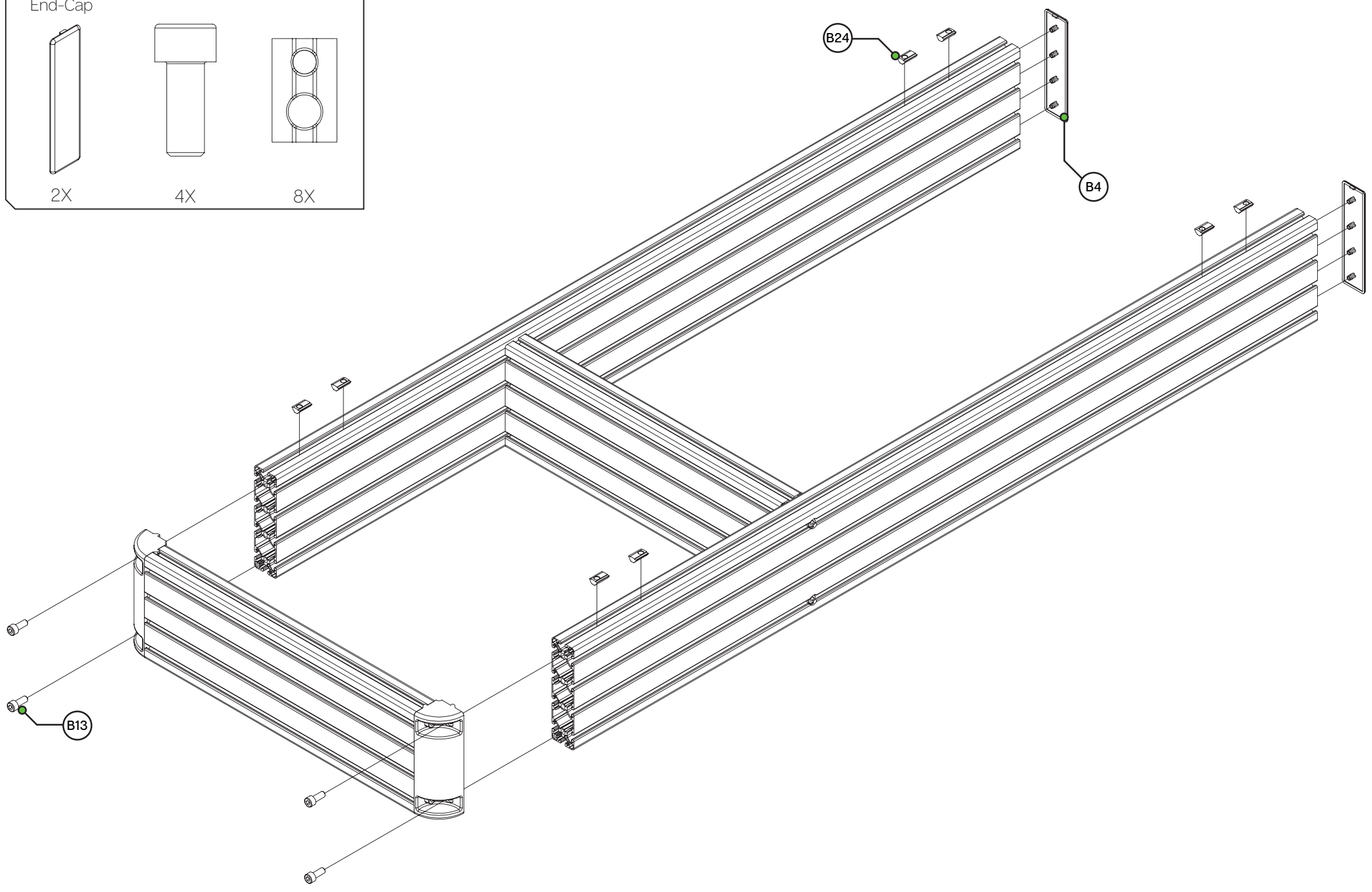
M8 X 20

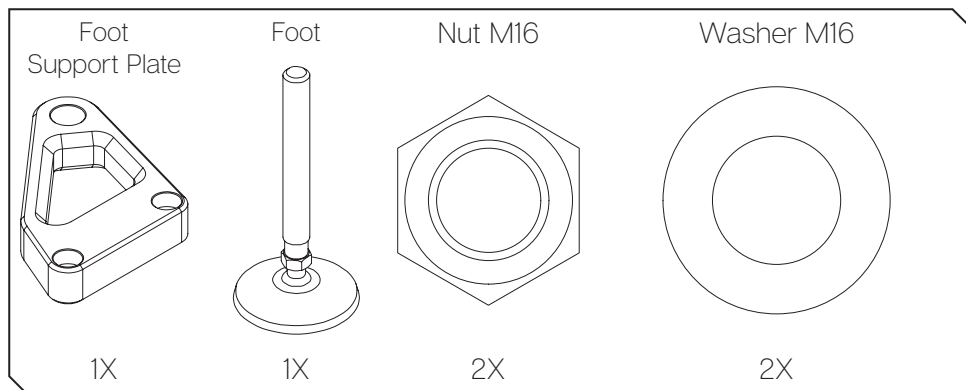
Slot-Nut M8

  
2X

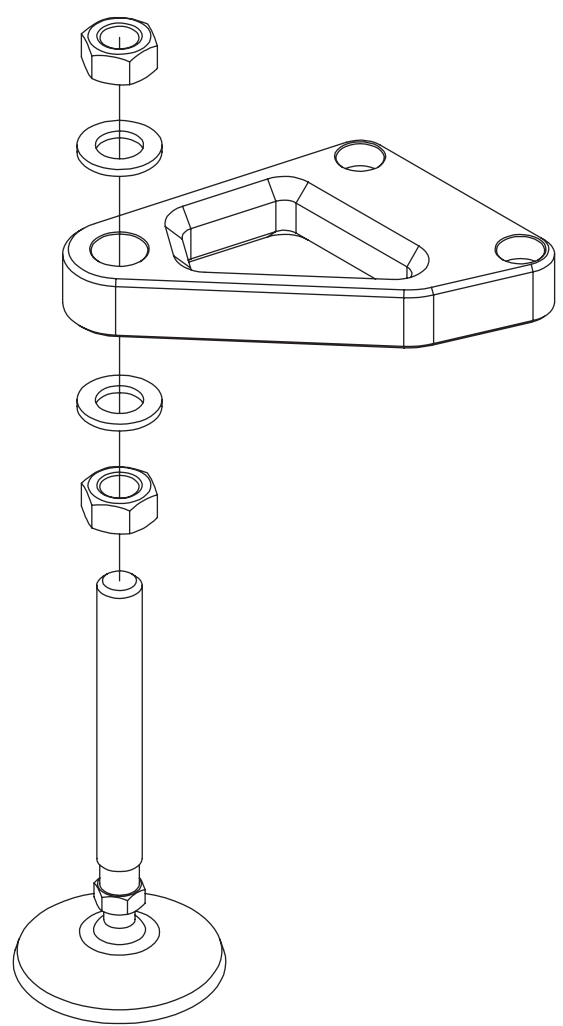
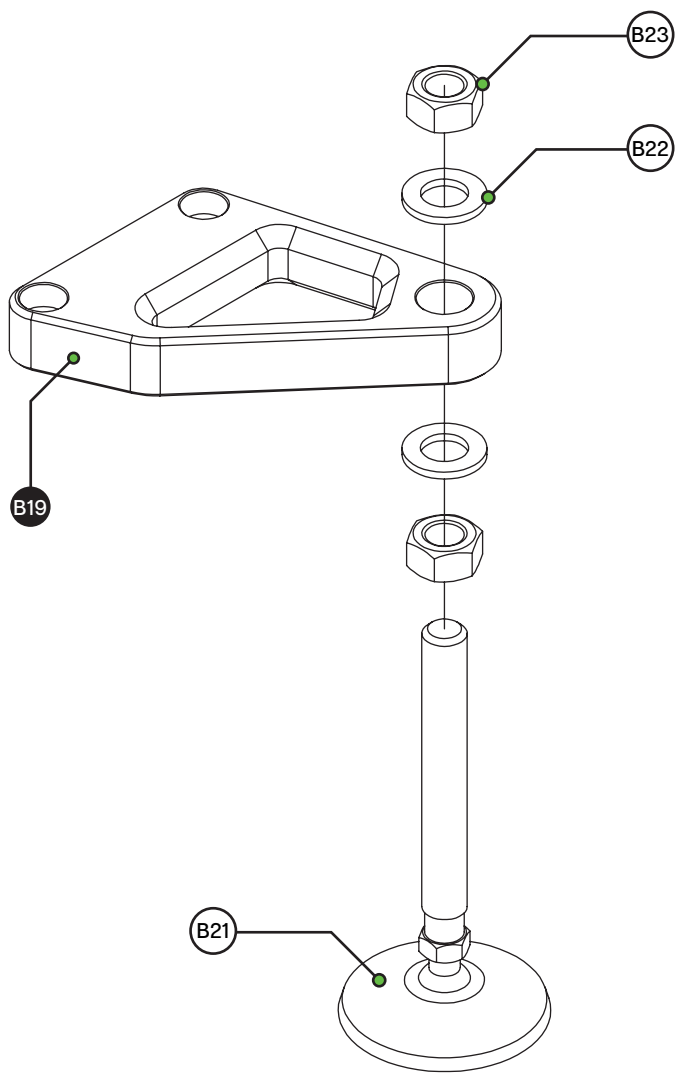
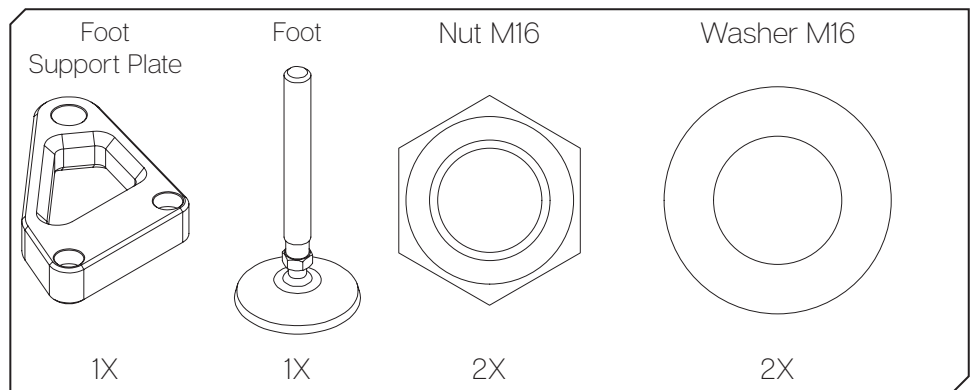
  
4X

  
8X

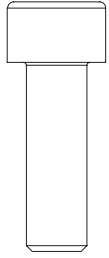




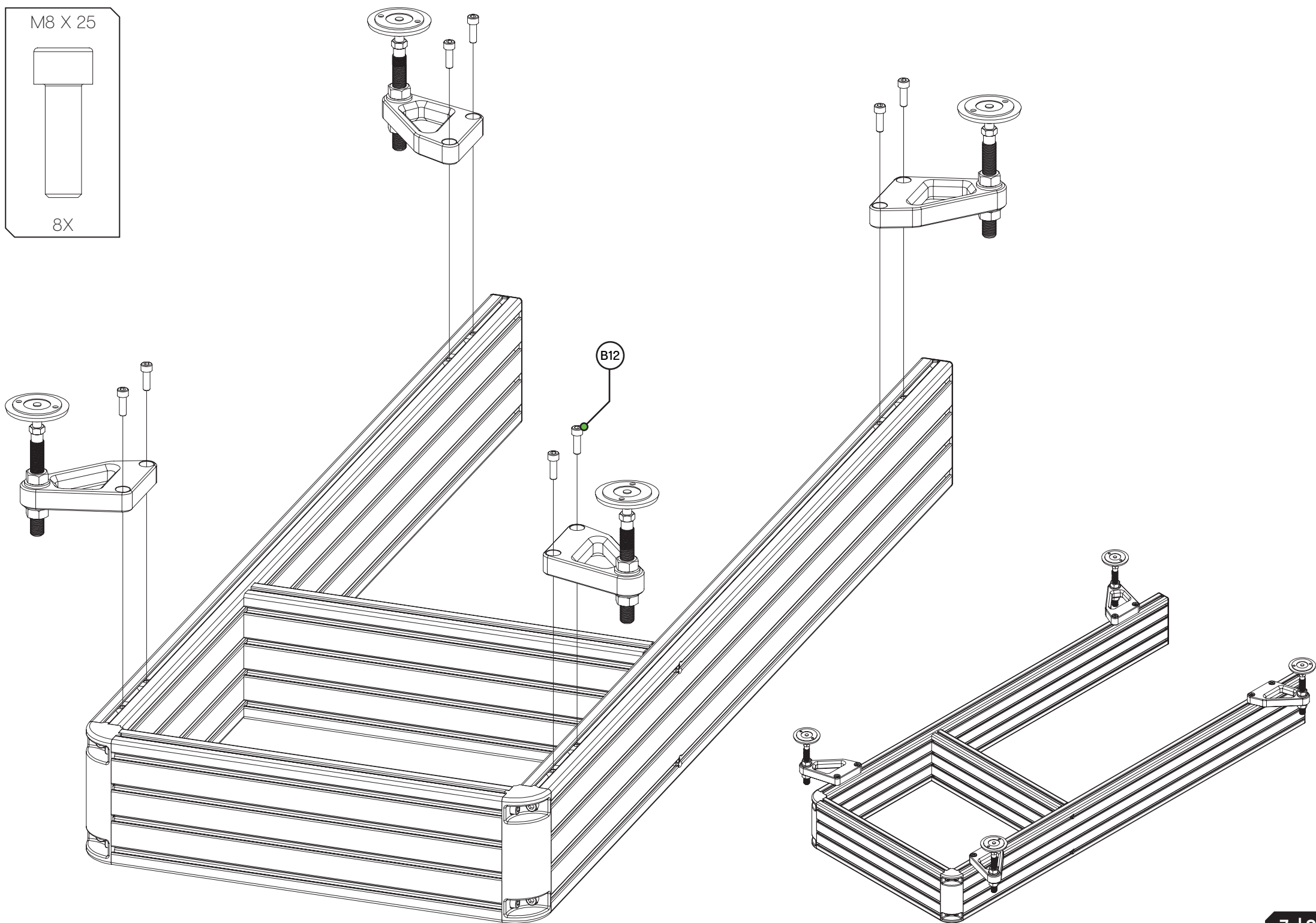
BUILD  
BOTH  
VERSIONS  
2X

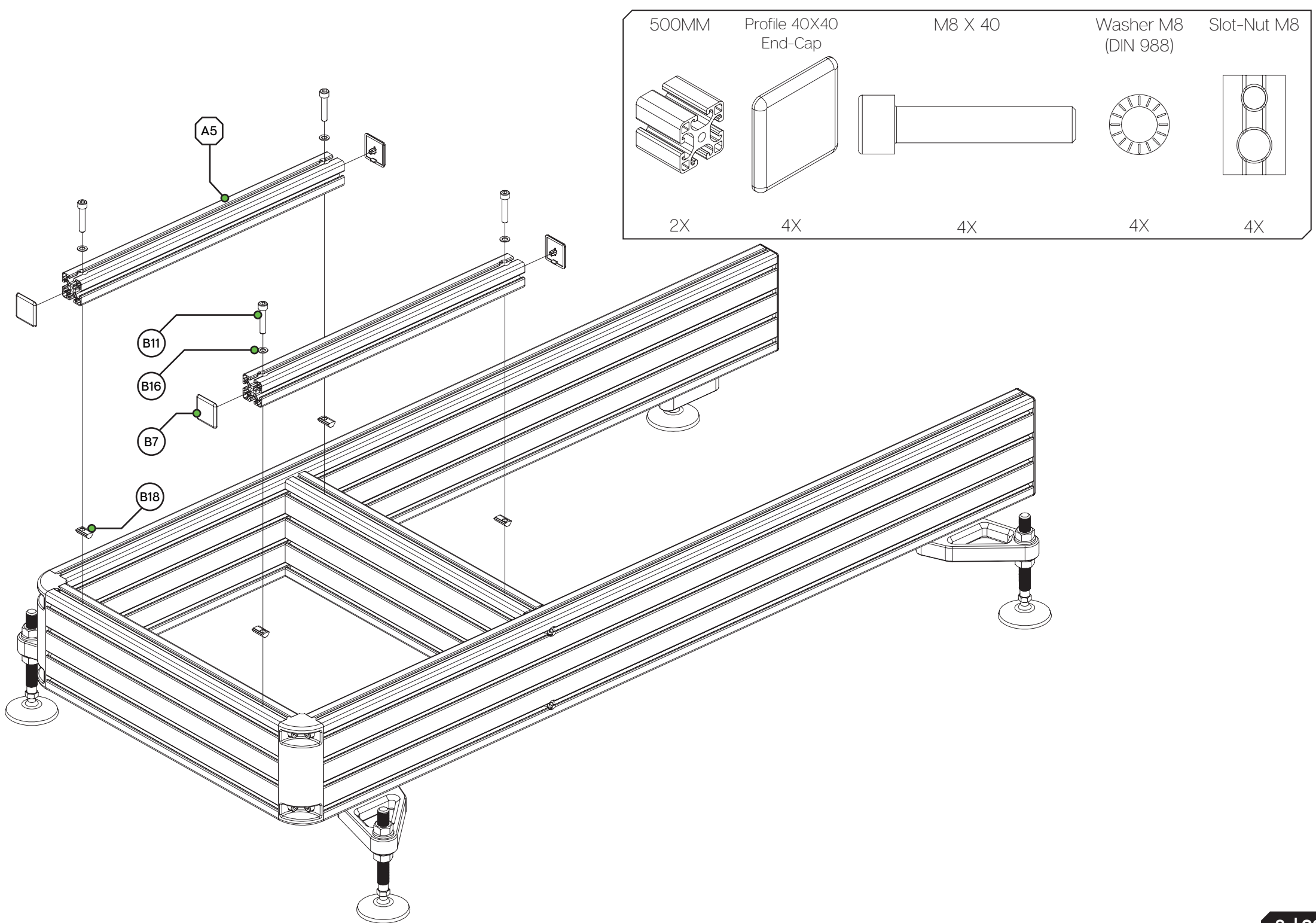


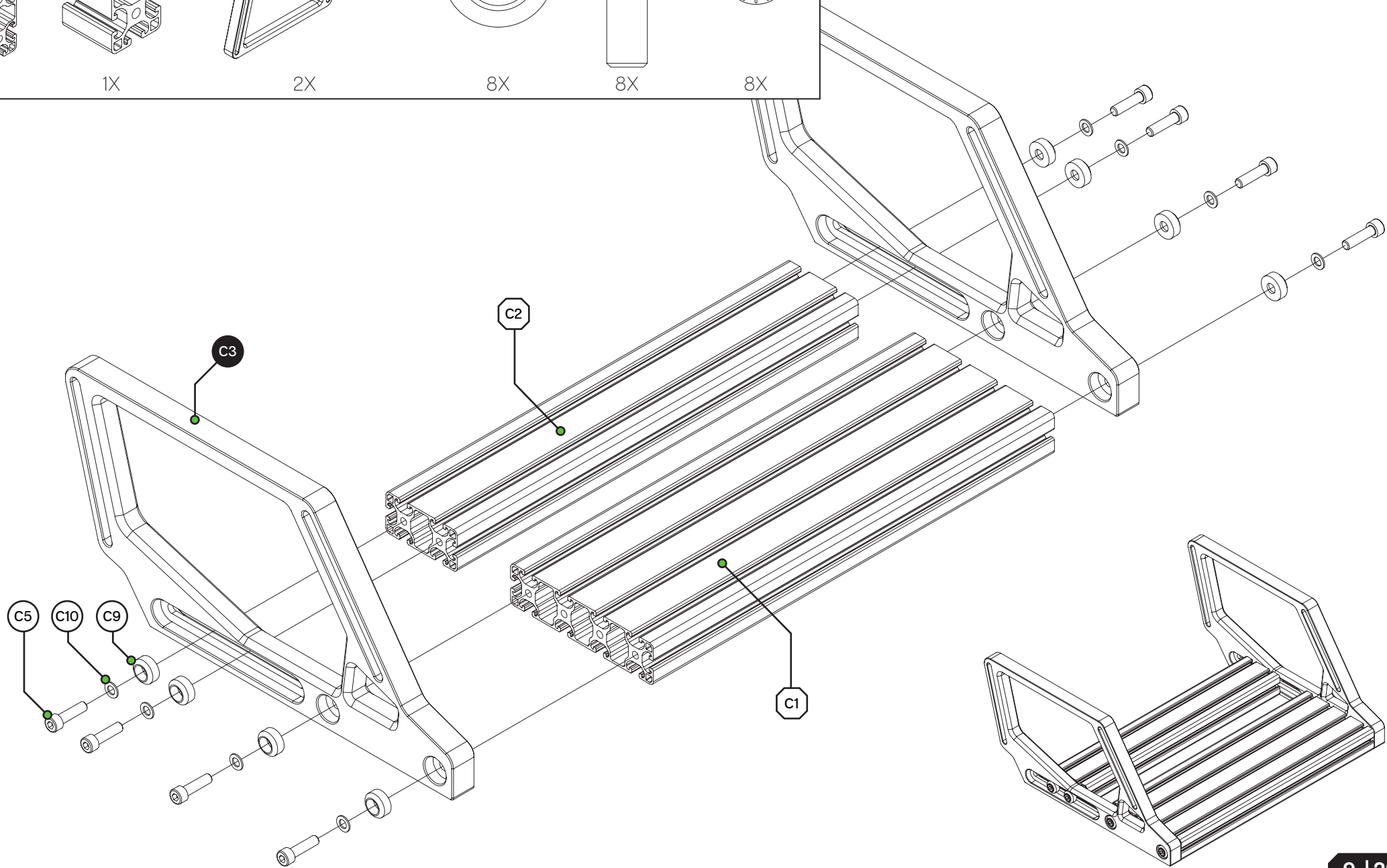
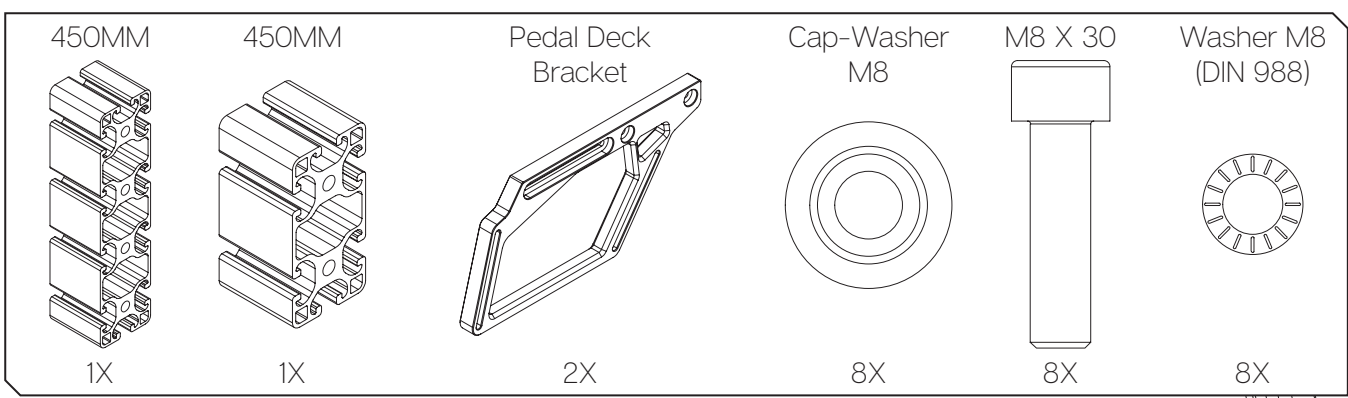
M8 X 25

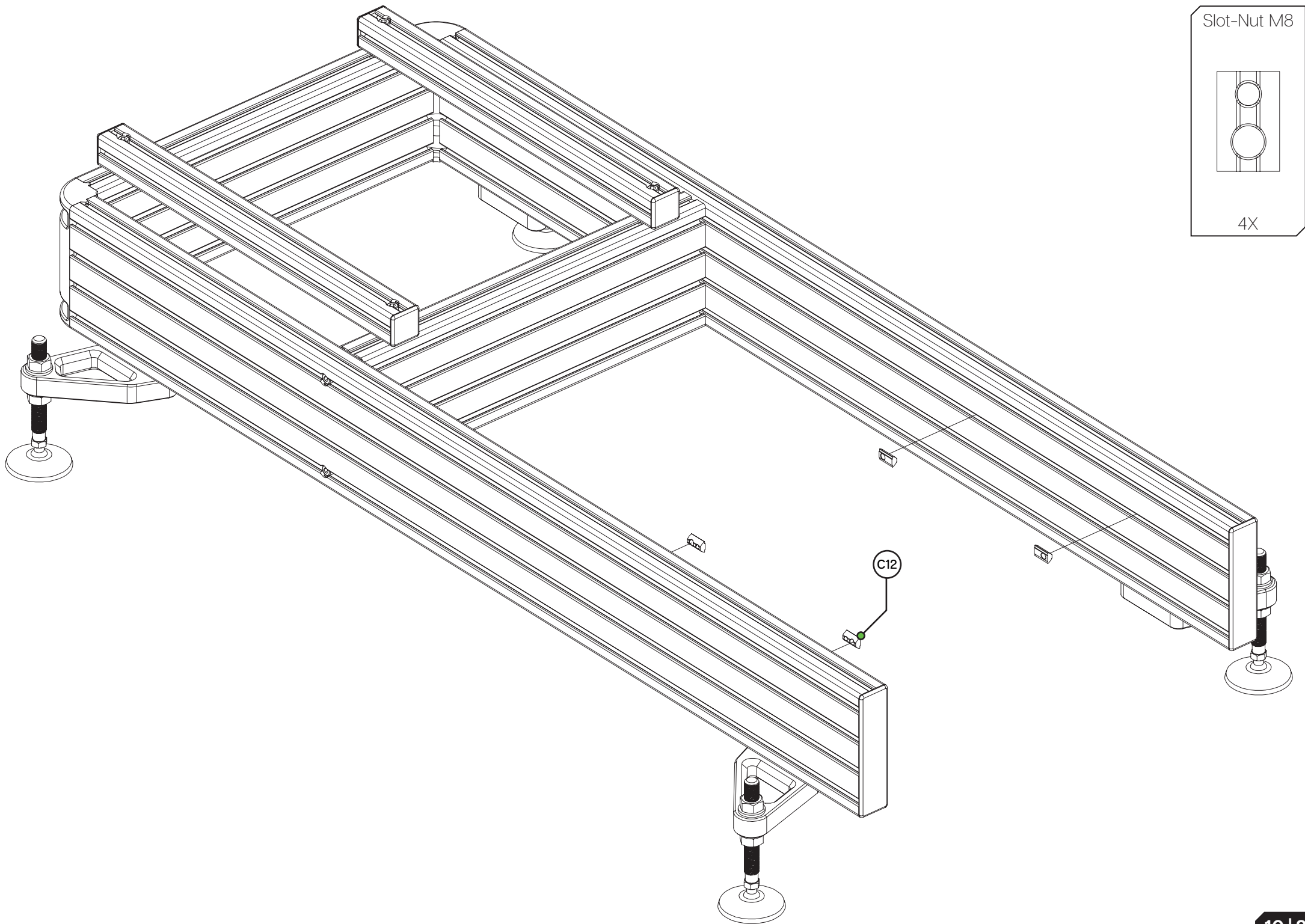


8X





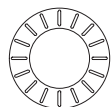
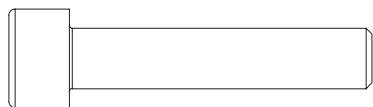
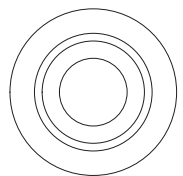




Cap-Washer  
M8

M8 X 40

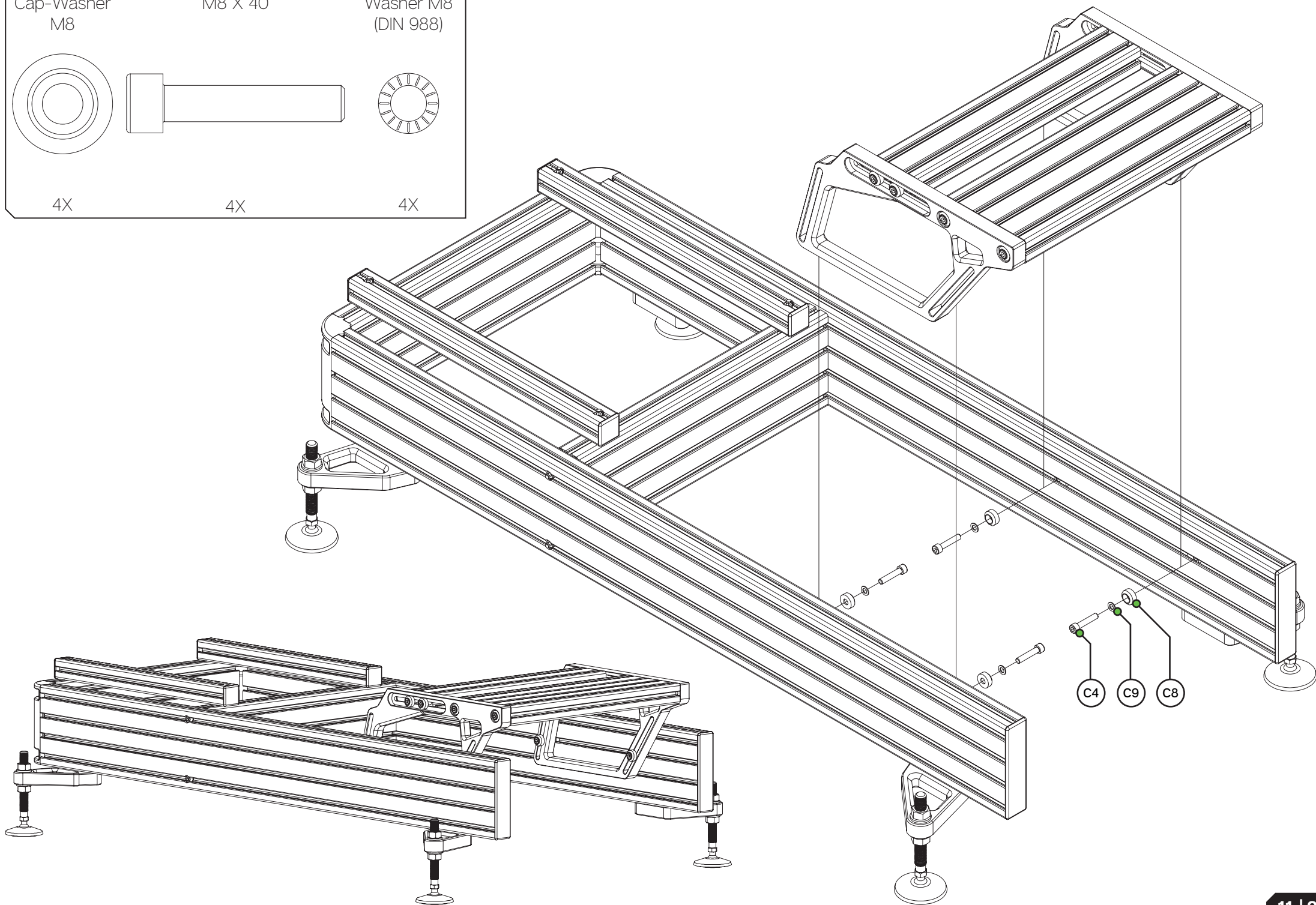
Washer M8  
(DIN 988)

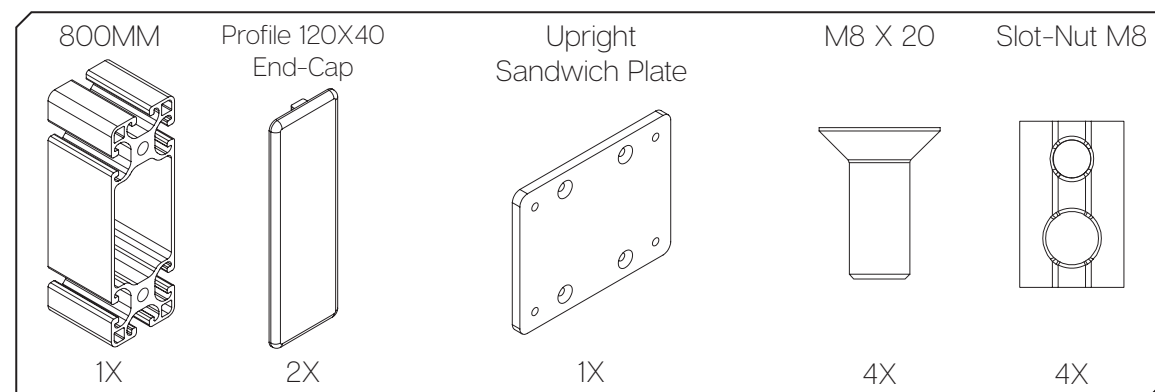


4X

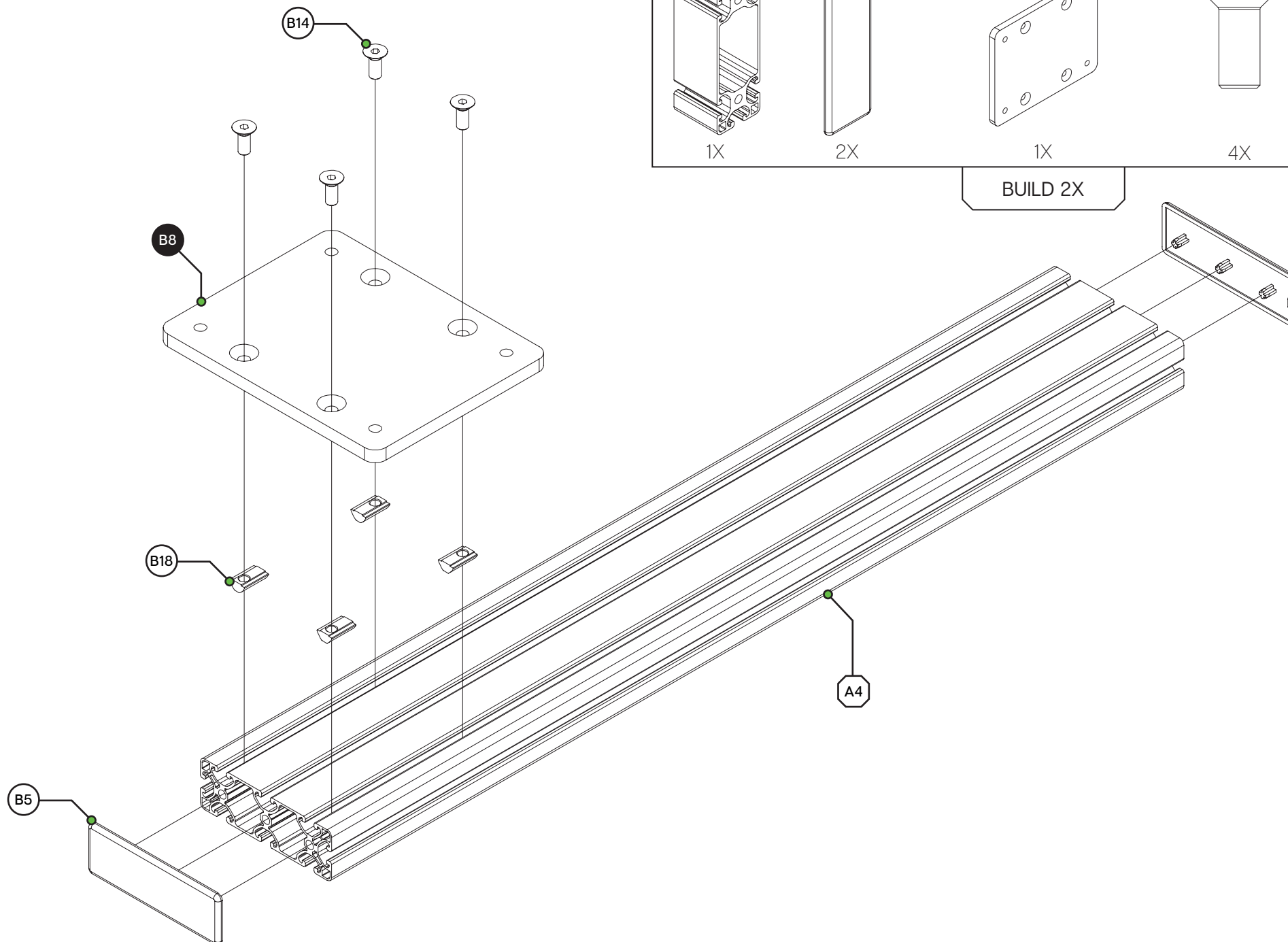
4X

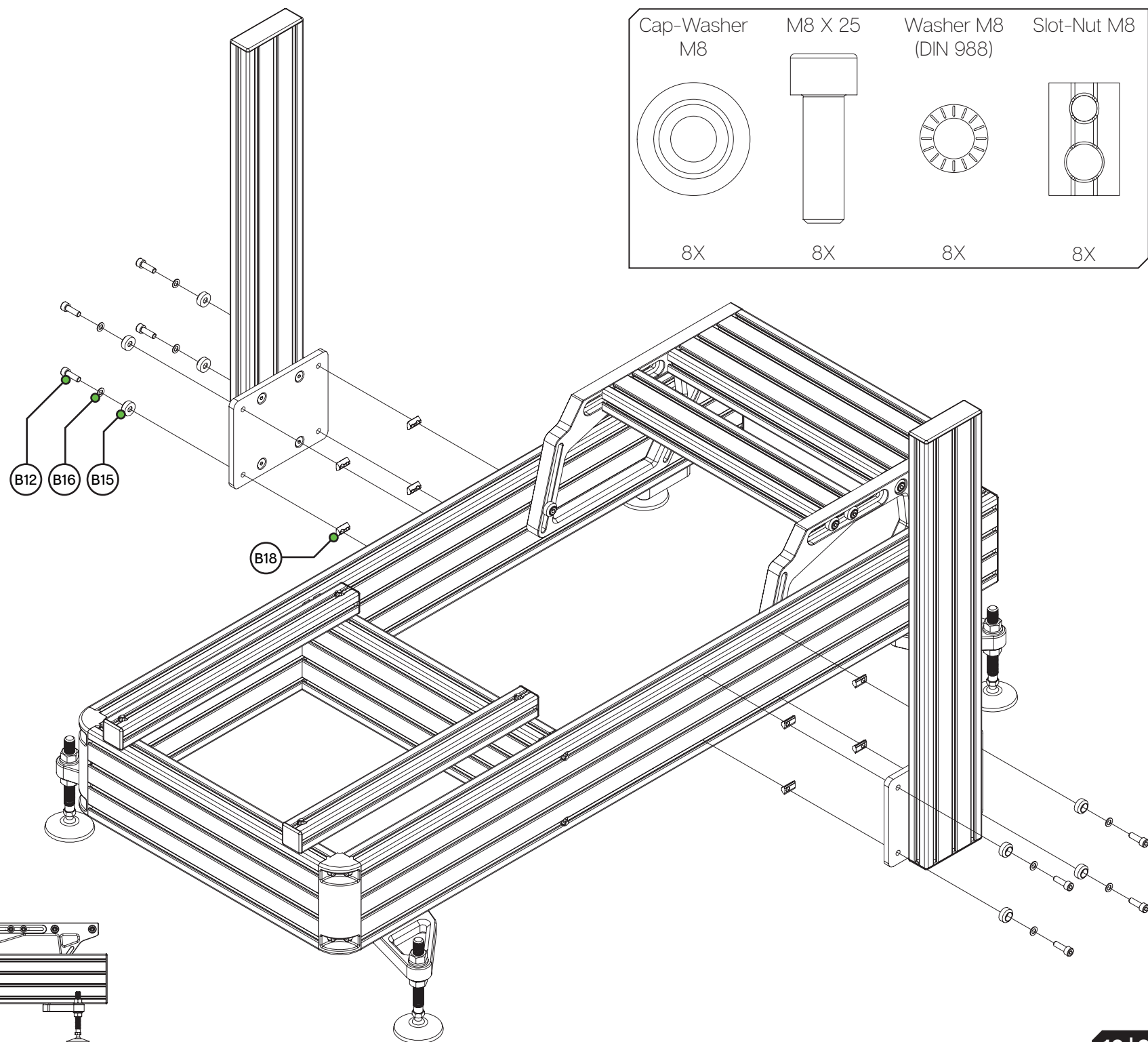
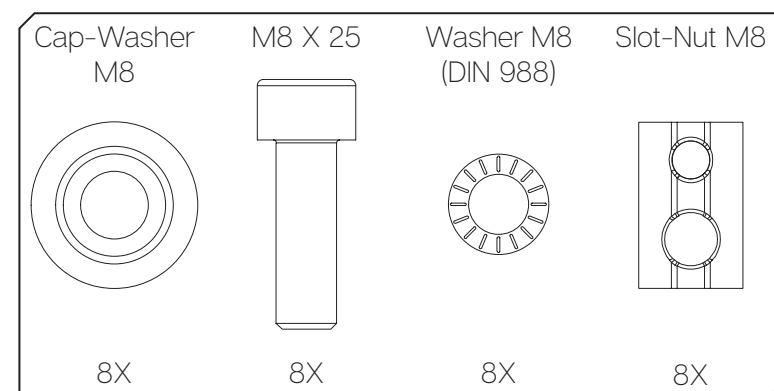
4X



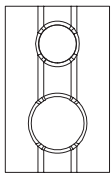


BUILD 2X



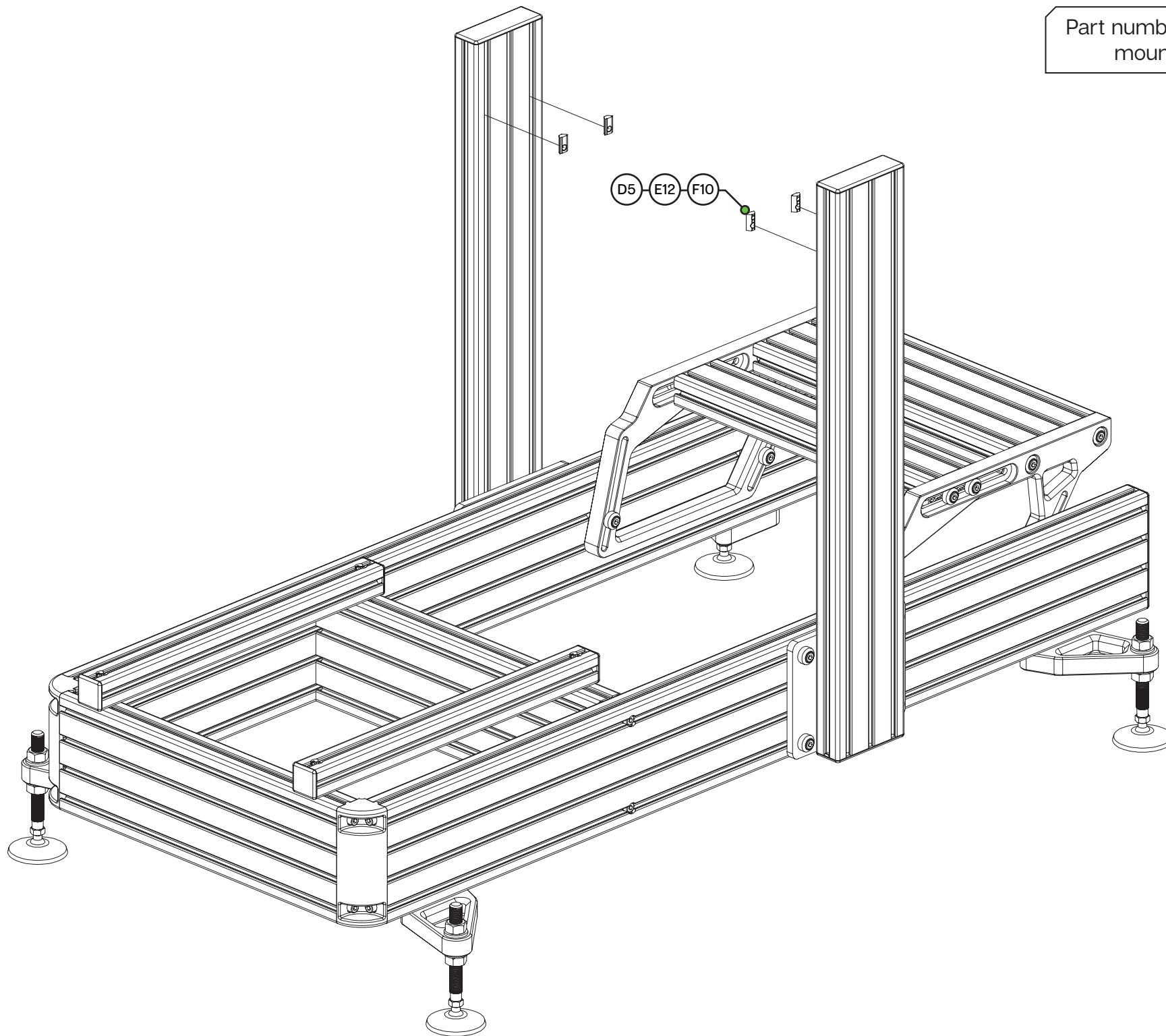


Slot-Nut M8

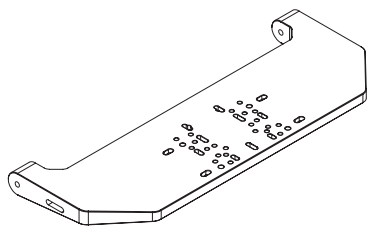


4X

Part numbers depend on  
mounting type.

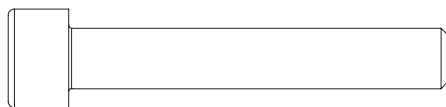


Wheel Deck



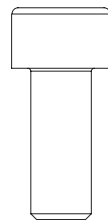
1X

M8 X 50  
(D2)



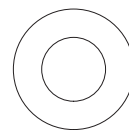
2X

M8 X 20  
(D3)



2X

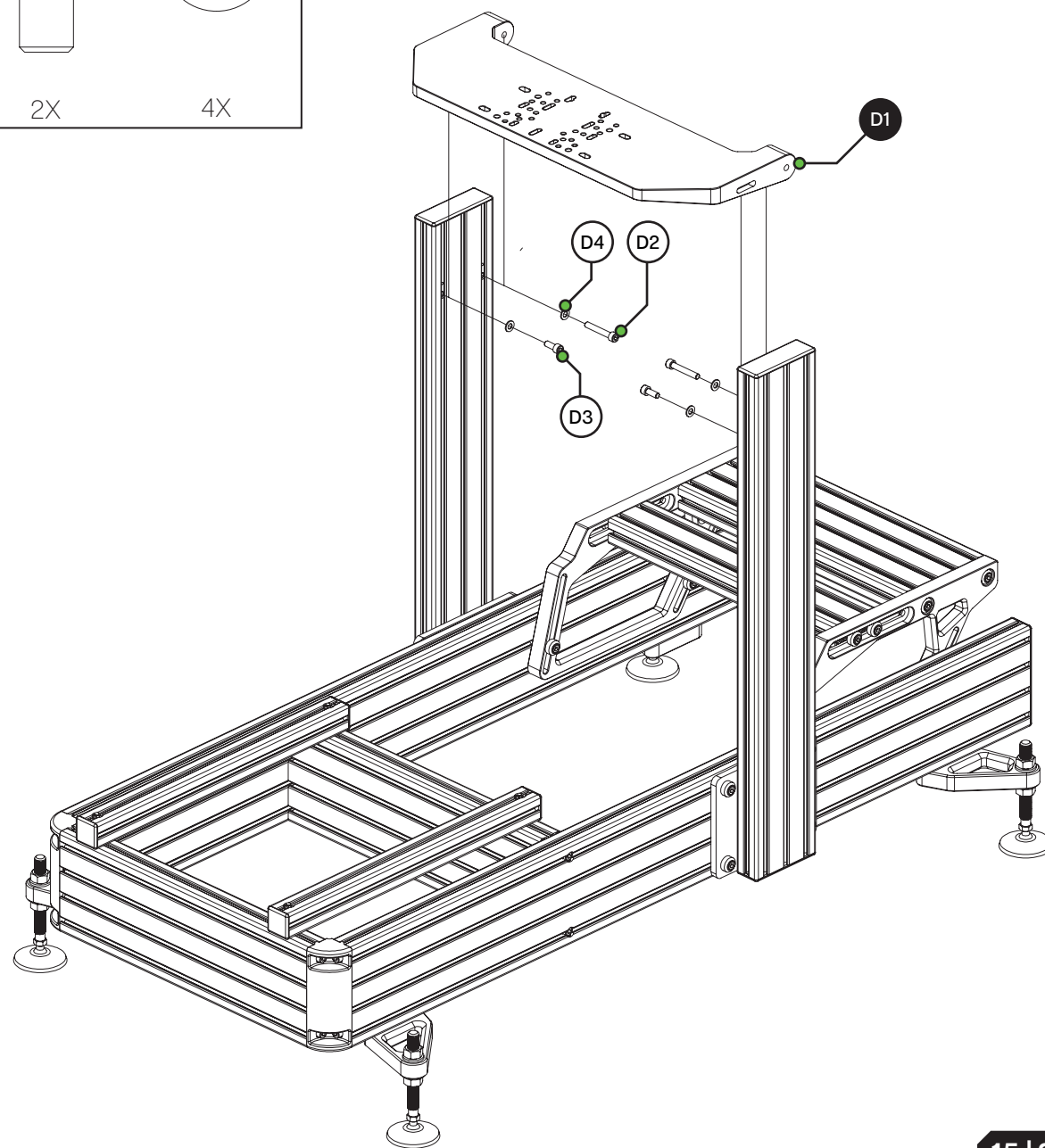
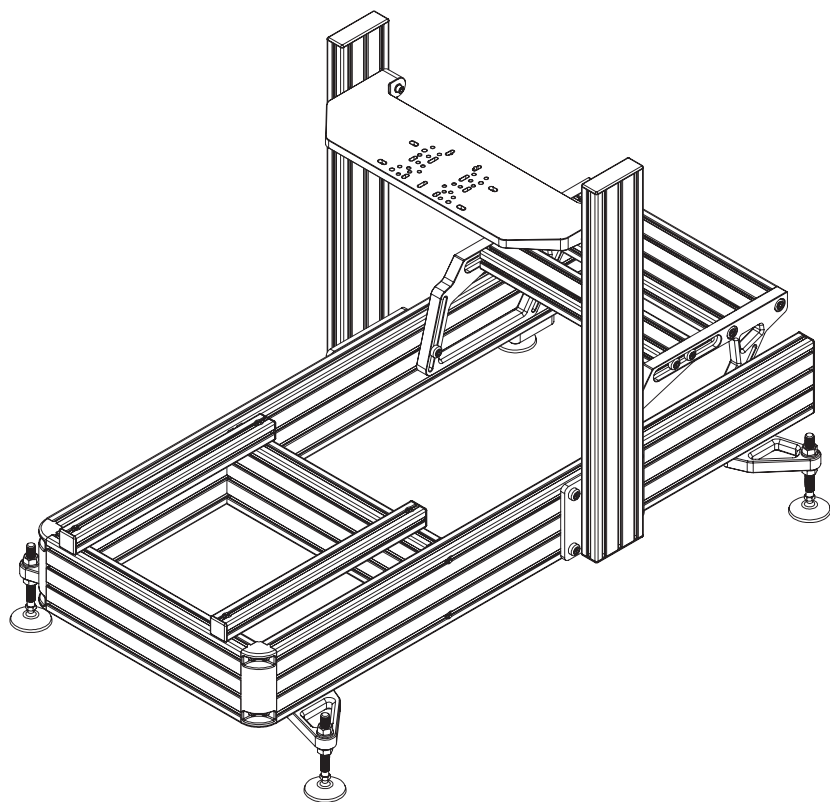
Washer M8

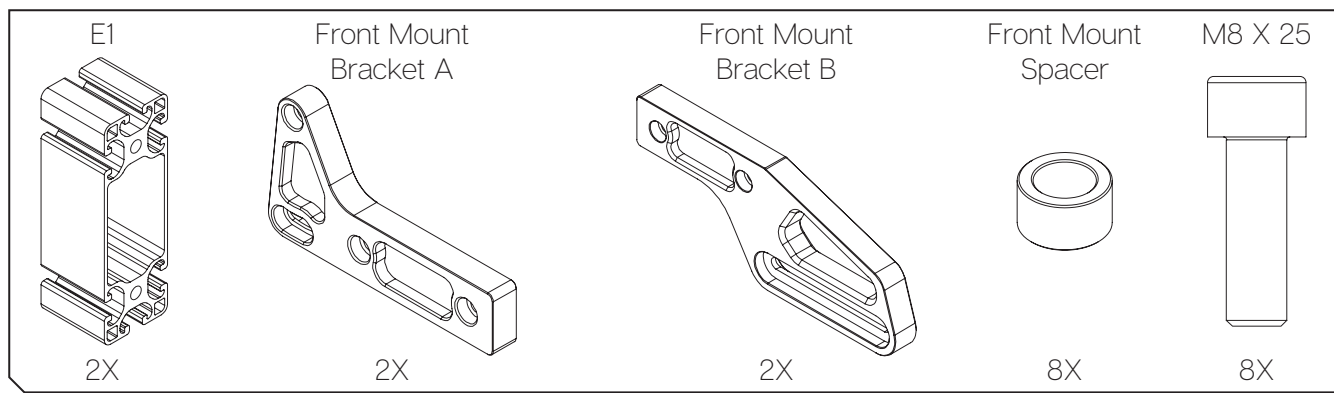


4X

If you purchased the 'Front Mount',  
please see the next page.

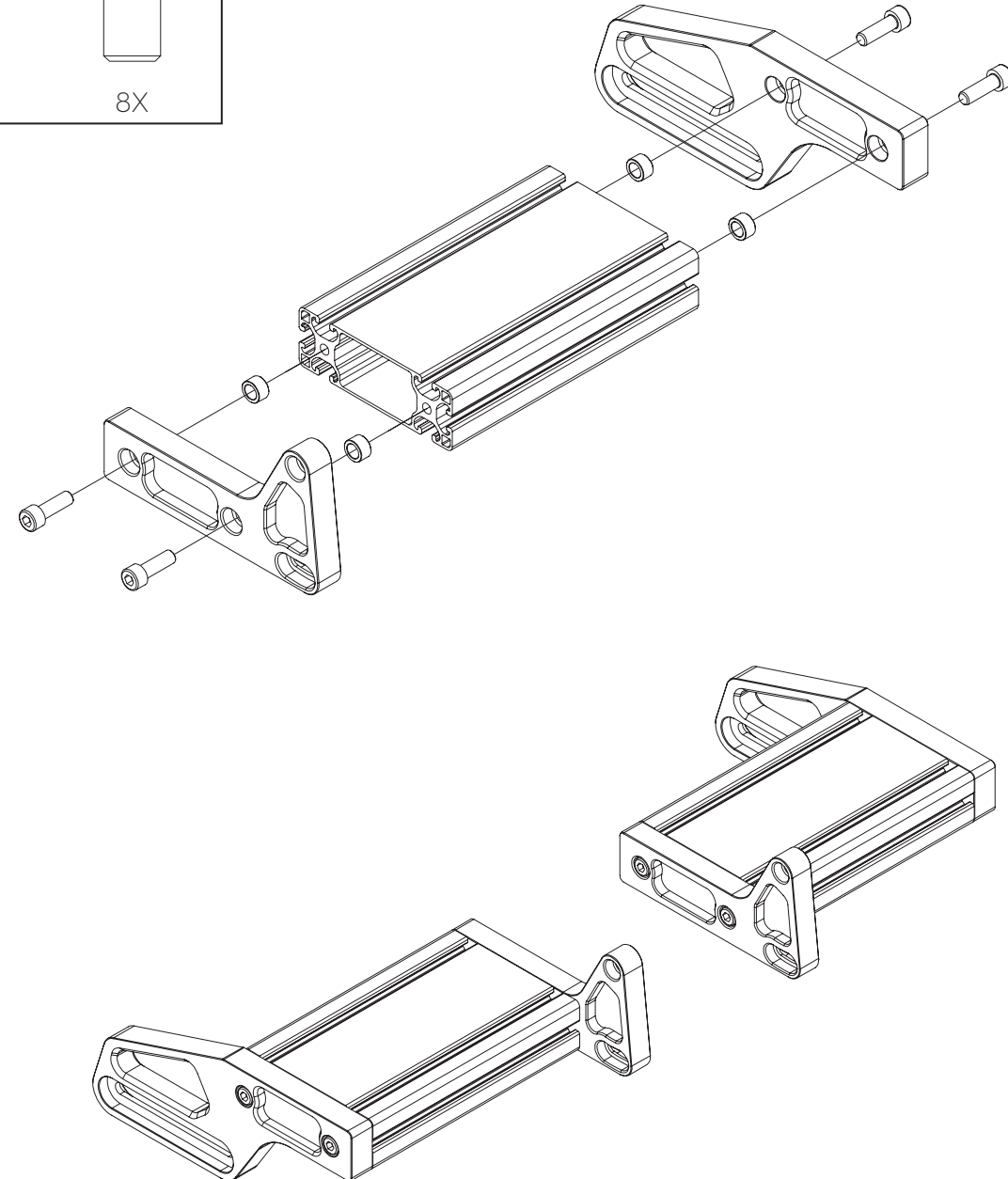
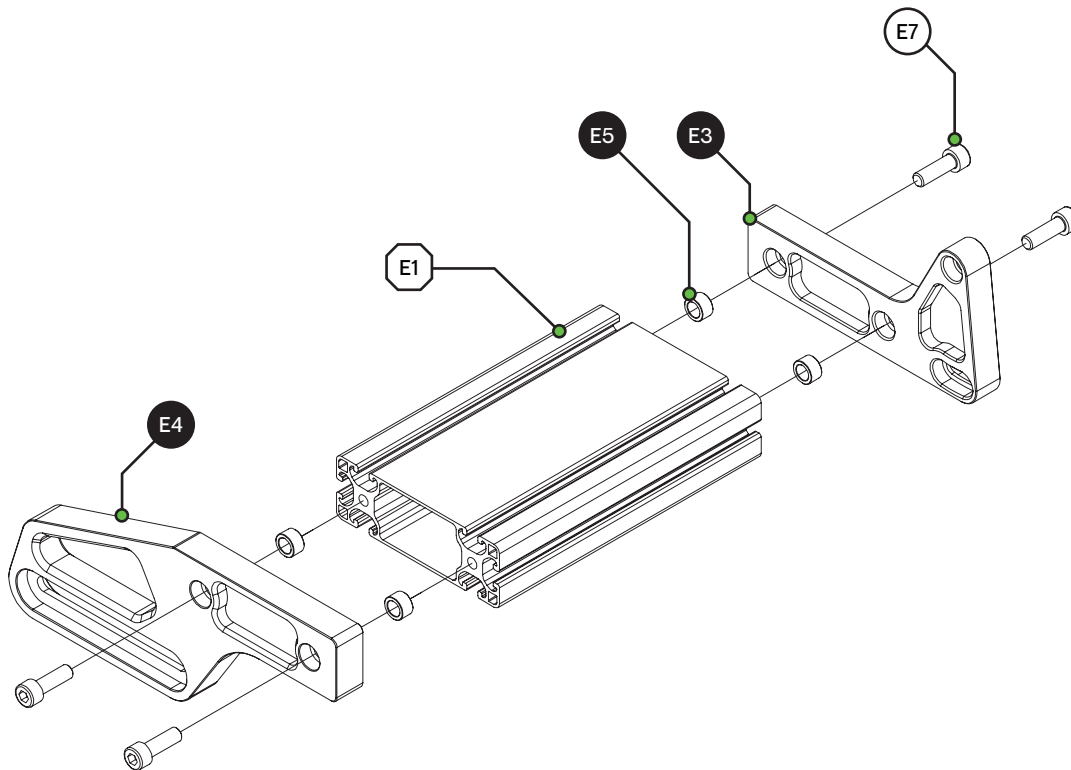
Normal assembly resumes with  
the 'Side Mount' on page 21.

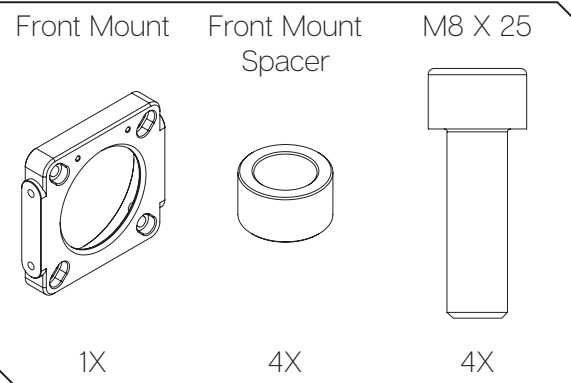




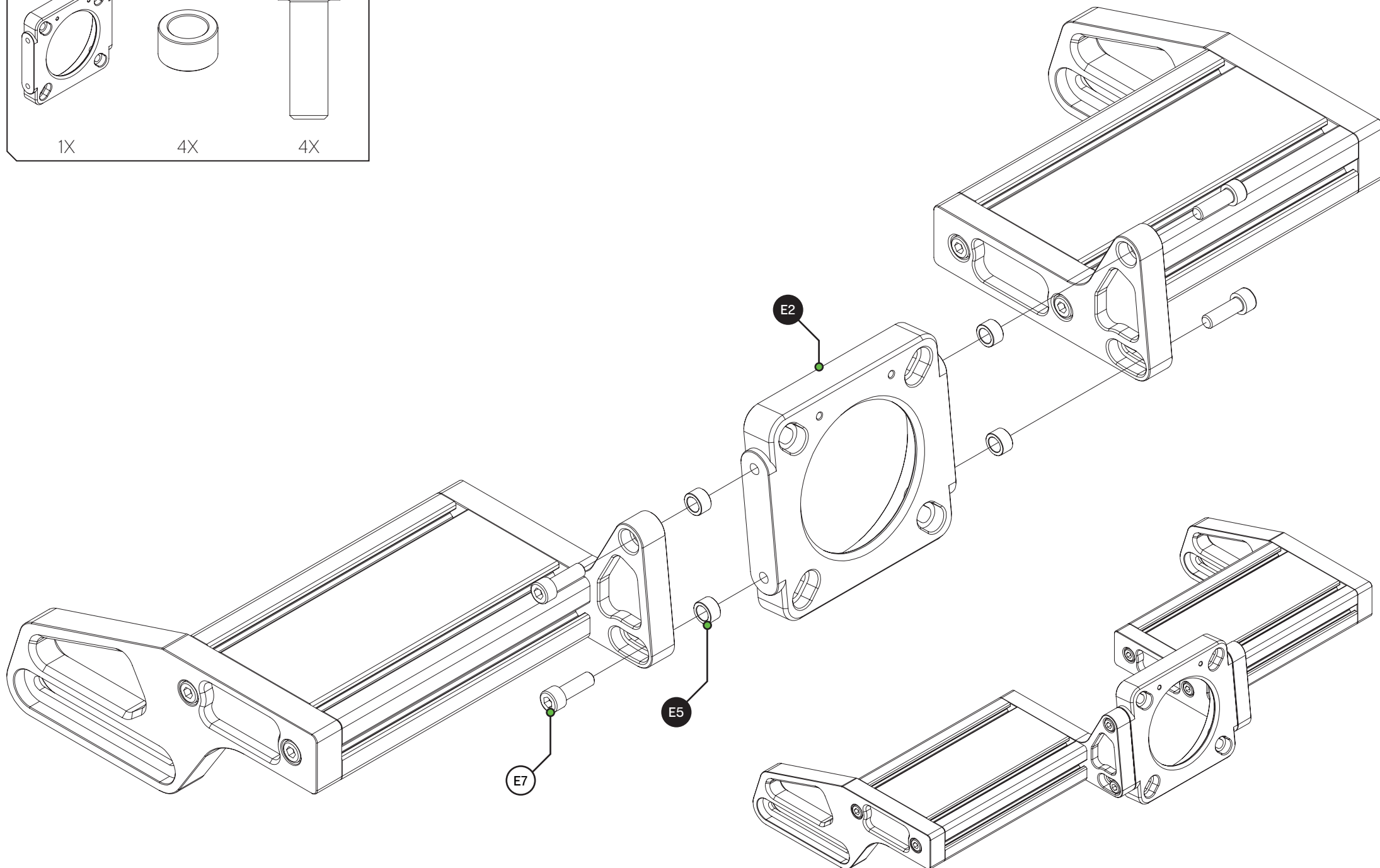
If you purchased the 'Fanatec DD Mount', please see page 18.

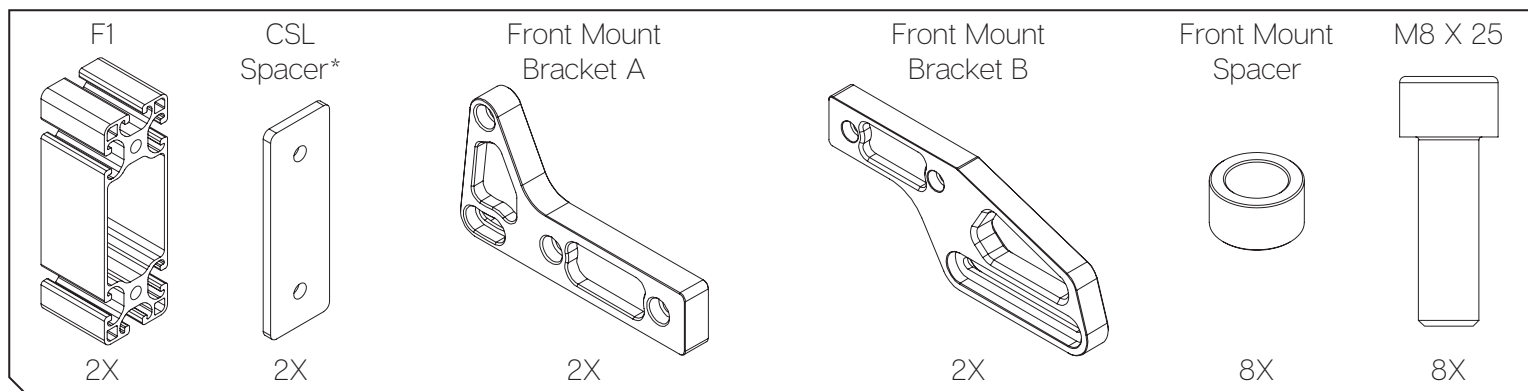
Normal assembly continues on the next page.



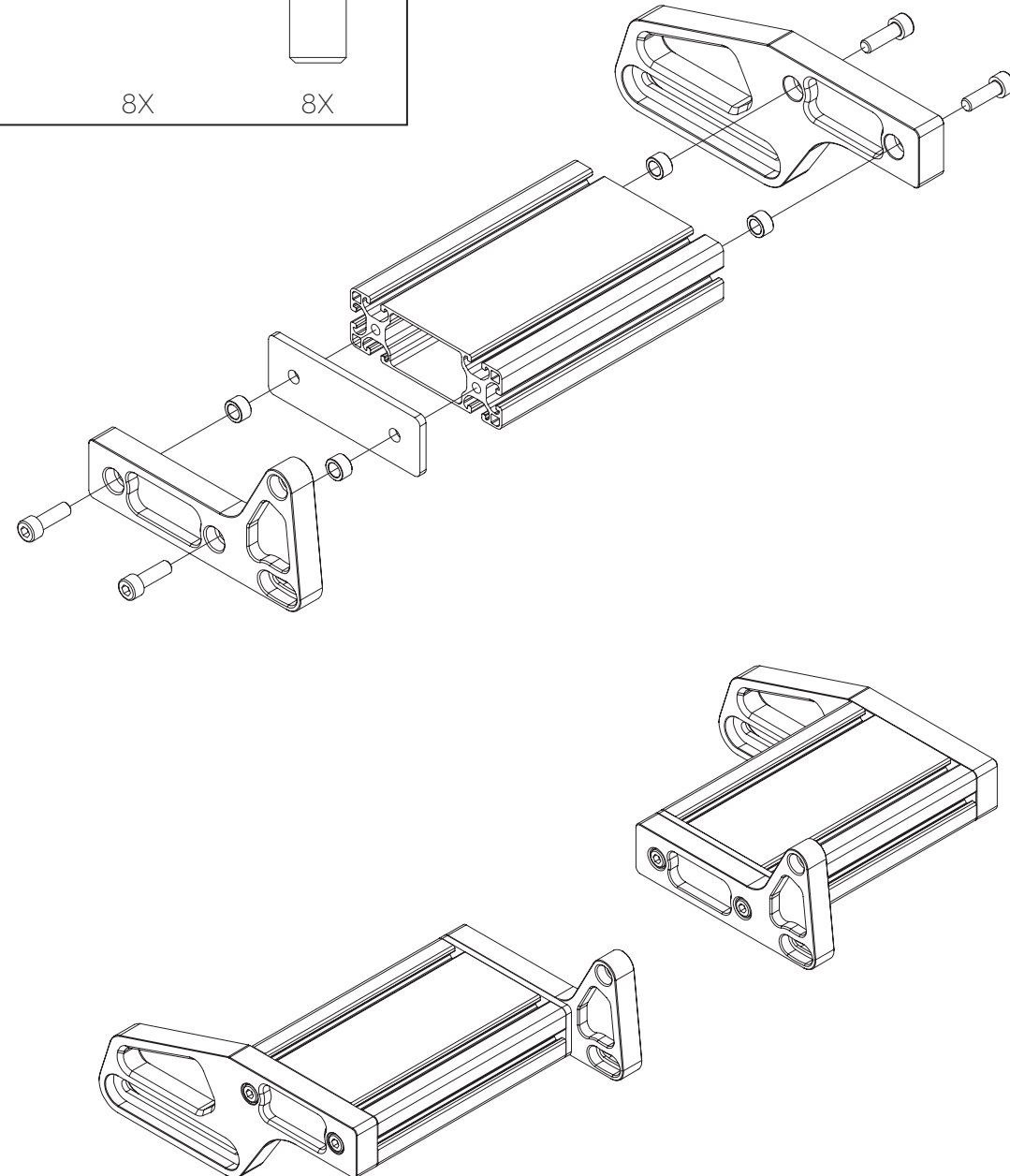
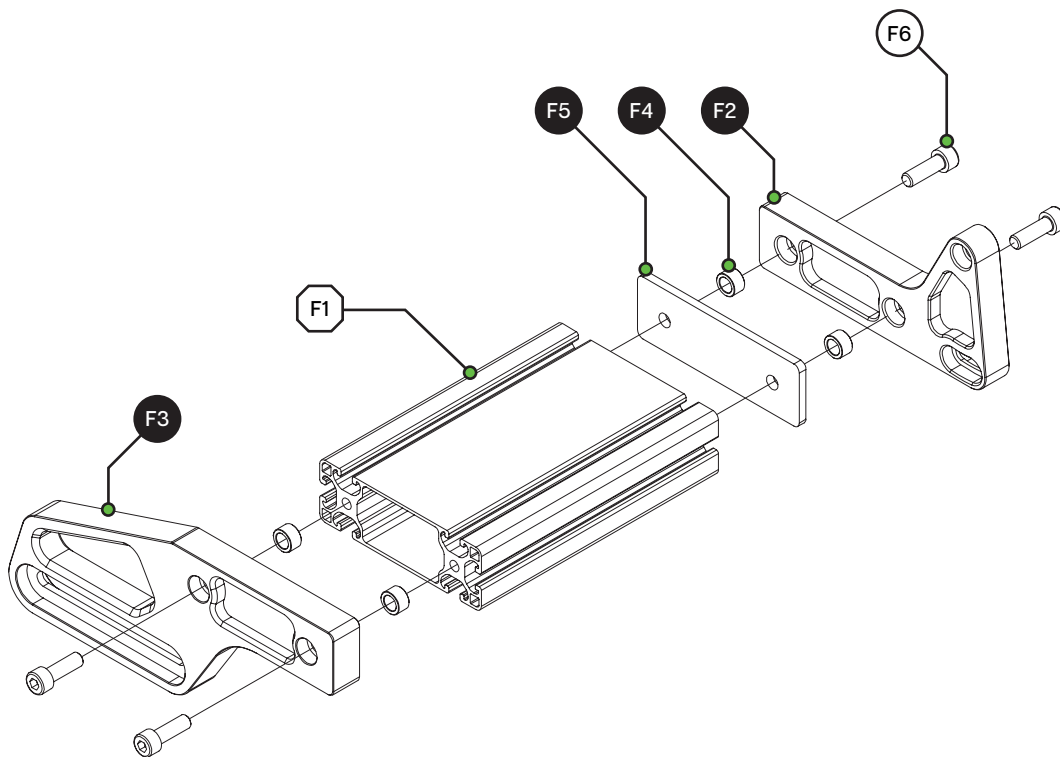


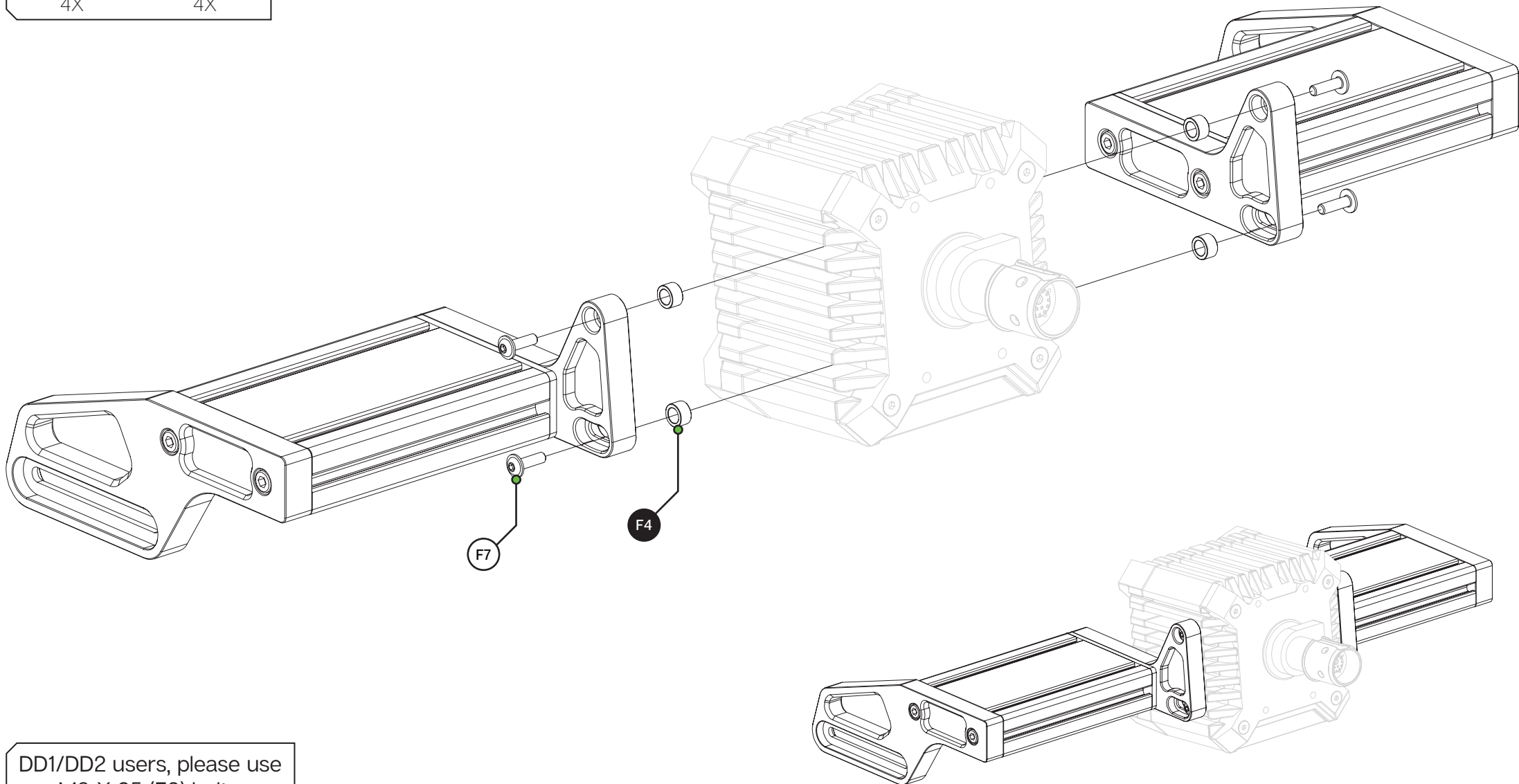
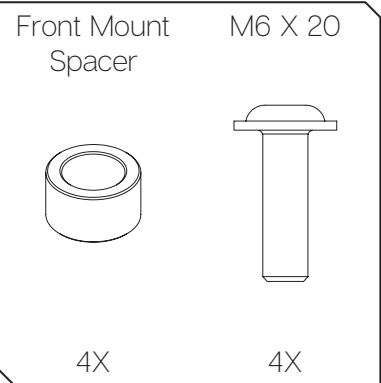
Continue on page 20.



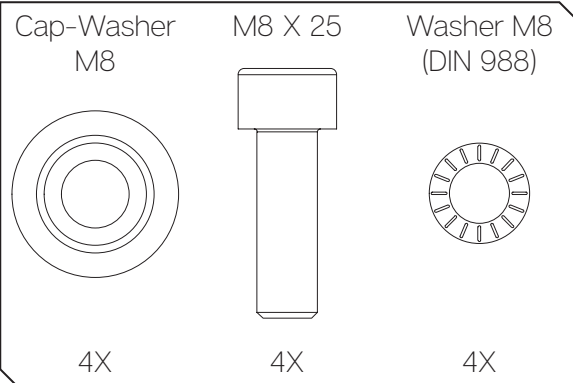


\*Fanatec DD1/DD2 does NOT need the CSL Spacer.

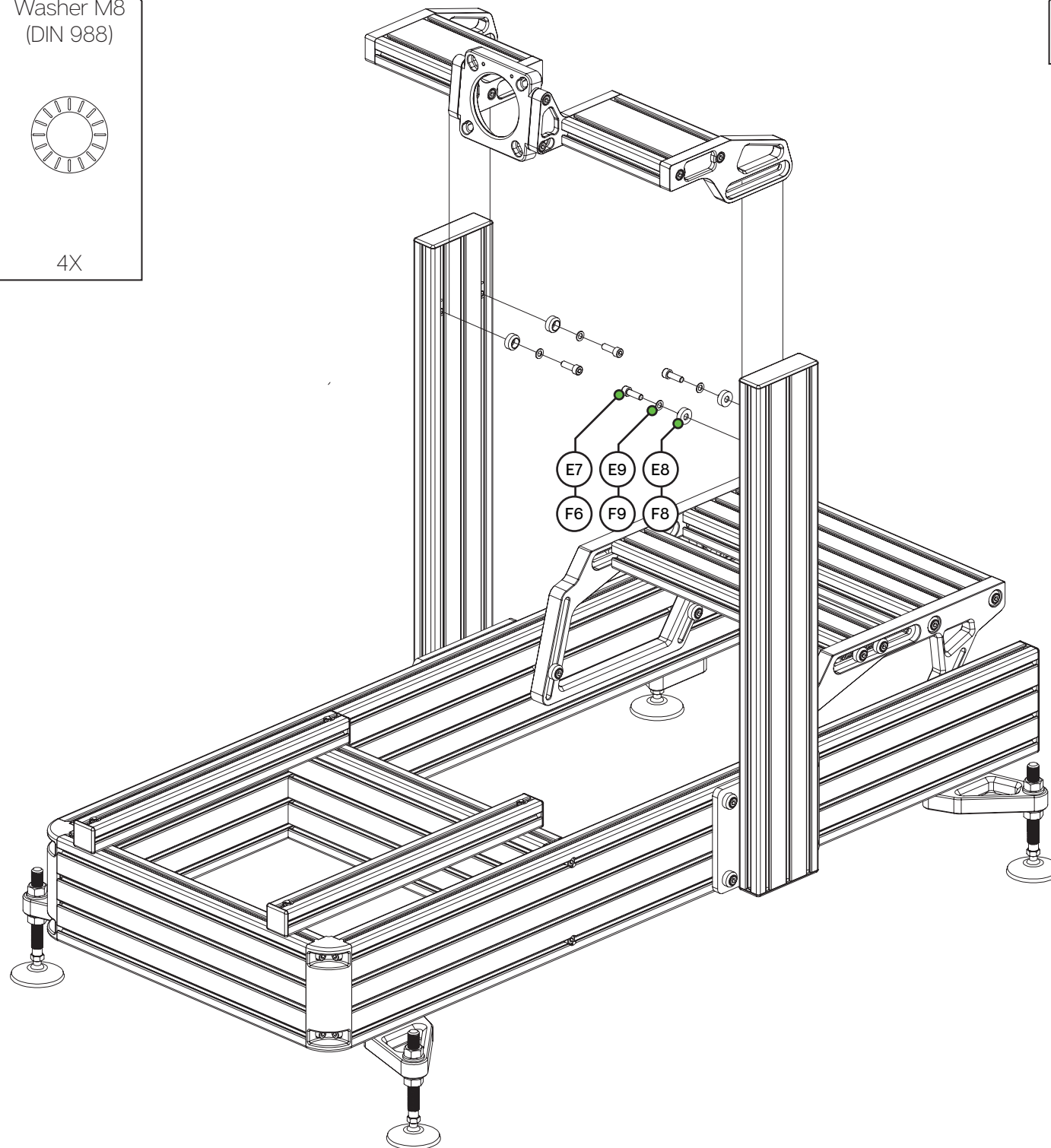


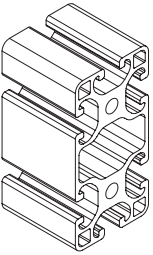
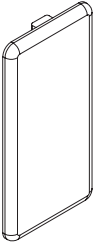
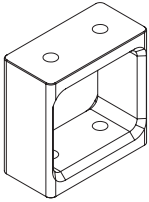
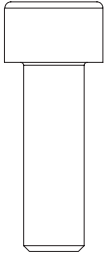
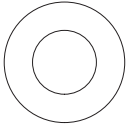
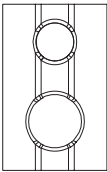


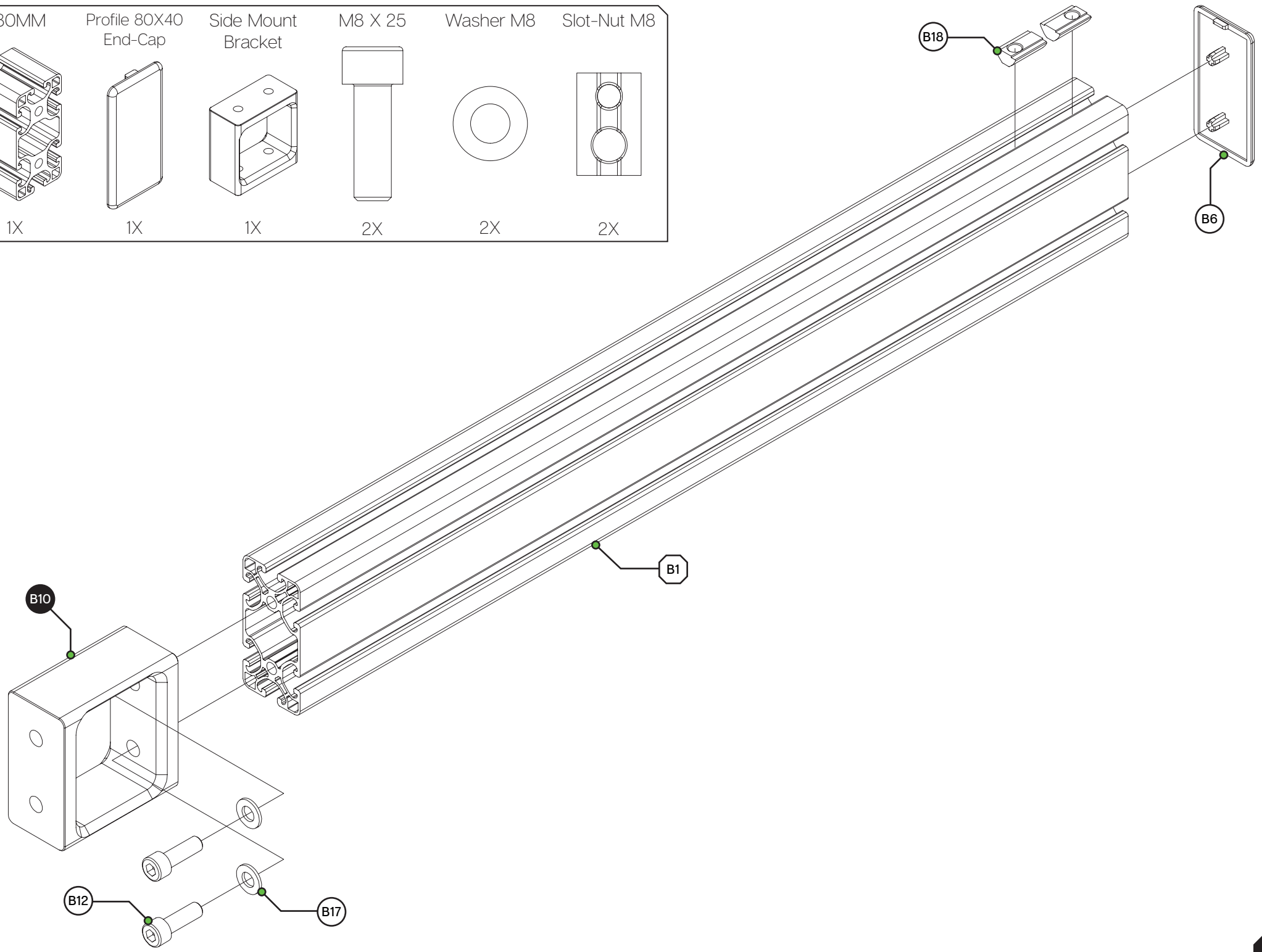
DD1/DD2 users, please use  
M8 X 25 (F6) bolts.

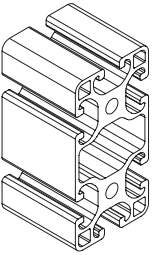
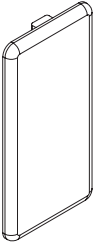
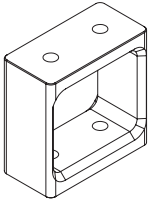
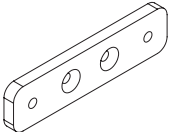
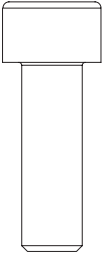
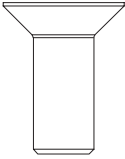
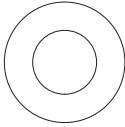
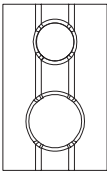


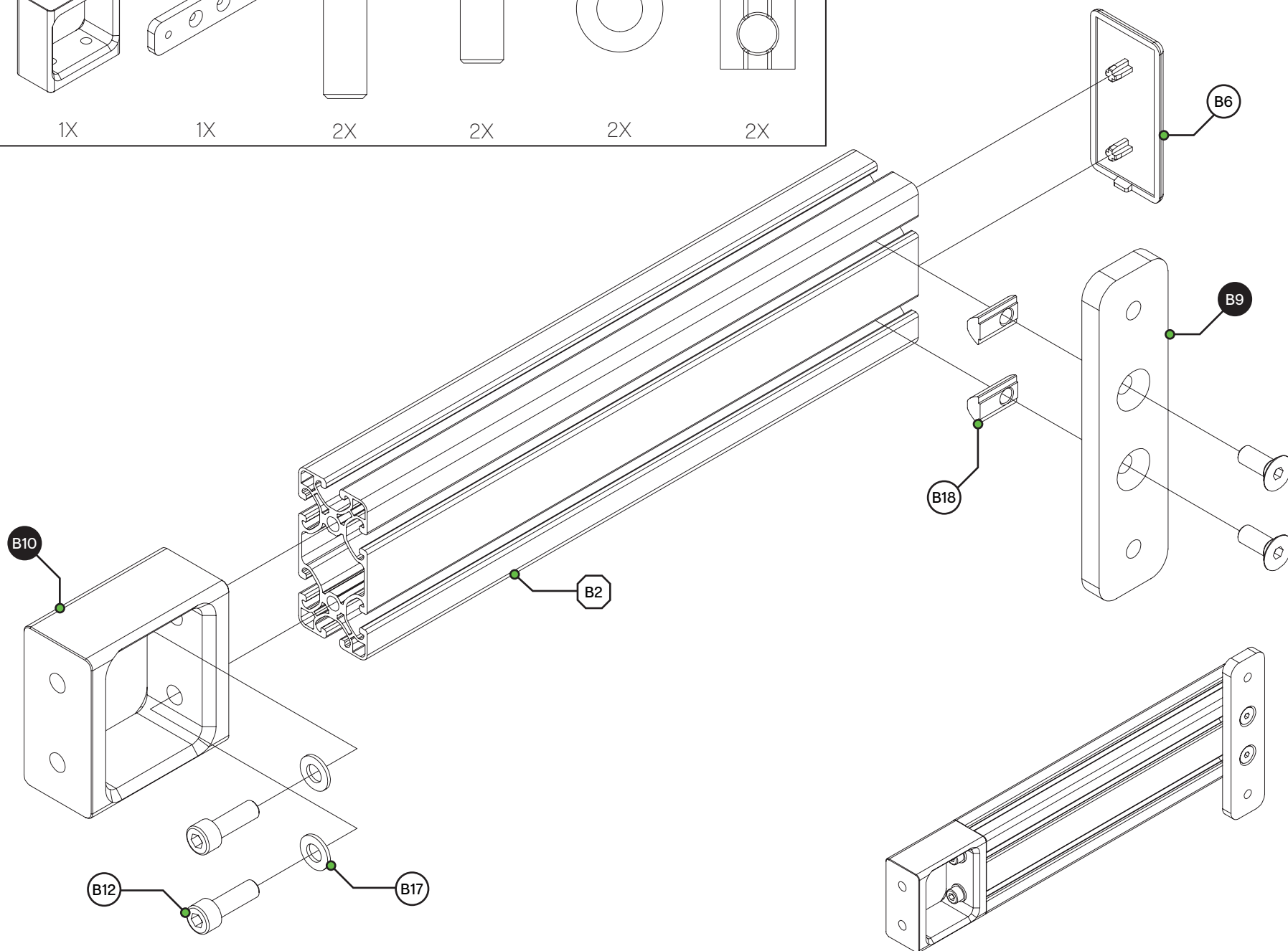
Part numbers for  
'Fanatec DD Mount' differ.



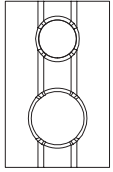
|                                                                                 |                                                                                   |                                                                                   |                                                                                  |                                                                                   |                                                                                     |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 580MM                                                                           | Profile 80X40<br>End-Cap                                                          | Side Mount<br>Bracket                                                             | M8 X 25                                                                          | Washer M8                                                                         | Slot-Nut M8                                                                         |
|  |  |  |  |  |  |
| 1X                                                                              | 1X                                                                                | 1X                                                                                | 2X                                                                               | 2X                                                                                | 2X                                                                                  |



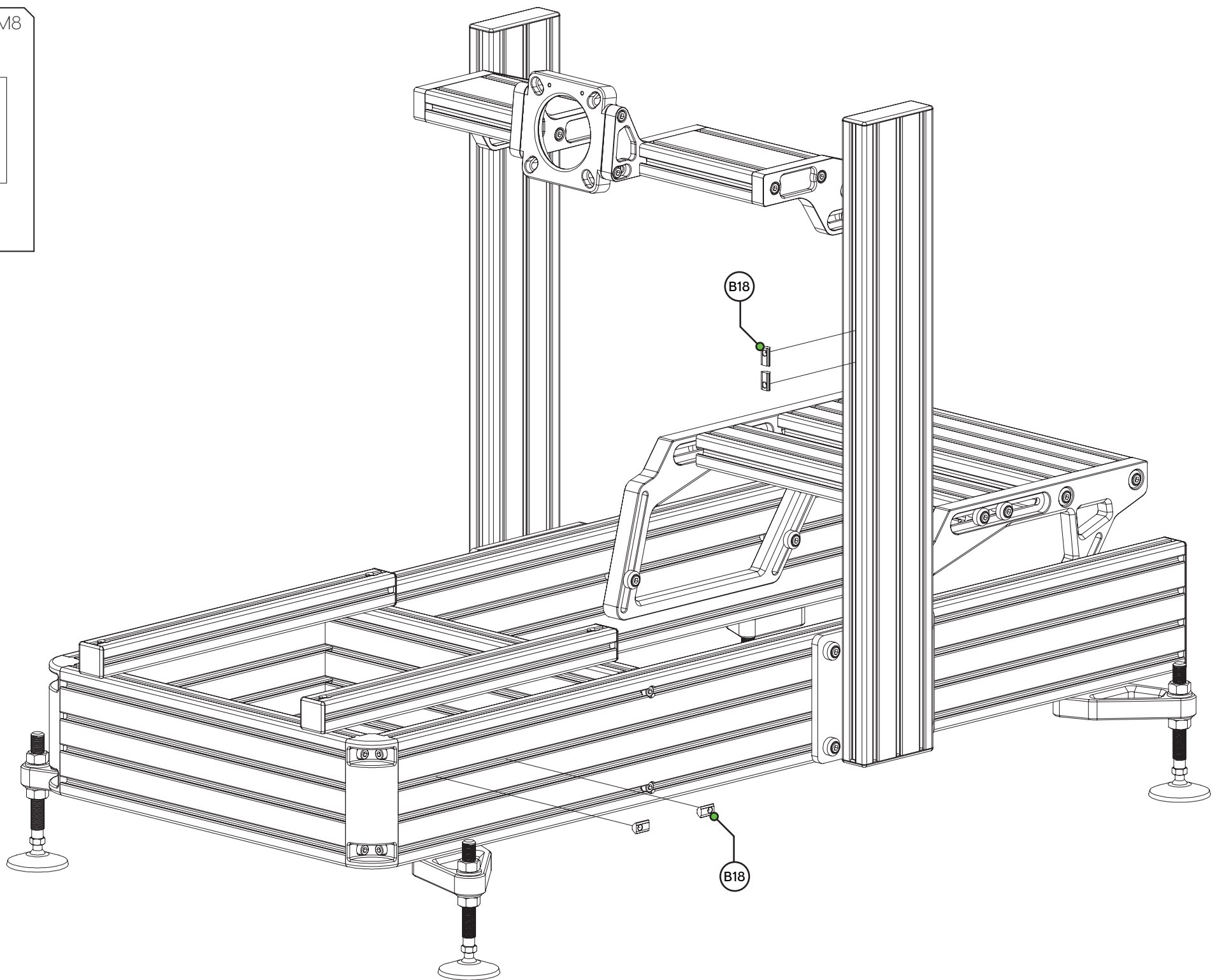
|                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                  |                                                                                     |                                                                                     |                                                                                     |
|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 320MM                                                                           | Profile 80X40<br>End-Cap                                                          | Side Mount<br>Bracket                                                             | Side Mount<br>Sandwich Plate                                                      | M8 X 25                                                                          | M8 X 20                                                                             | Washer M8                                                                           | Slot-Nut M8                                                                         |
|  |  |  |  |  |  |  |  |
| 1X                                                                              | 1X                                                                                | 1X                                                                                | 1X                                                                                | 2X                                                                               | 2X                                                                                  | 2X                                                                                  | 2X                                                                                  |

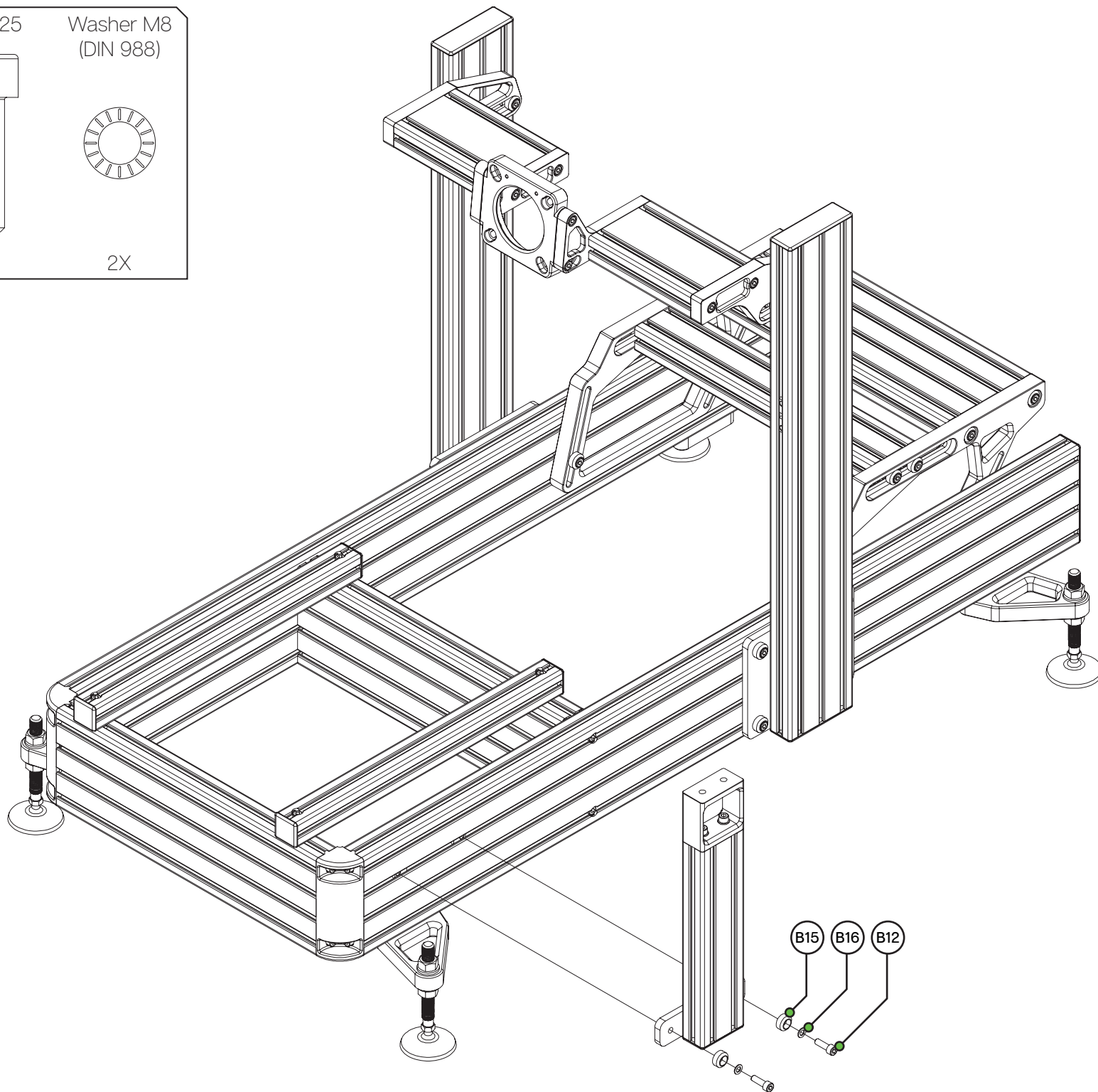
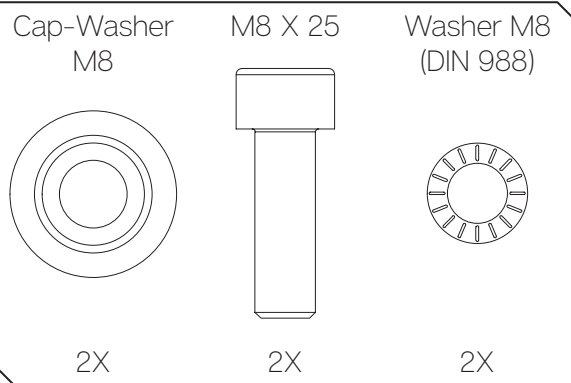


Slot-Nut M8



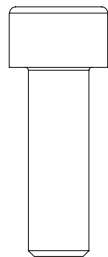
4X



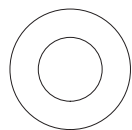


M8 X 25

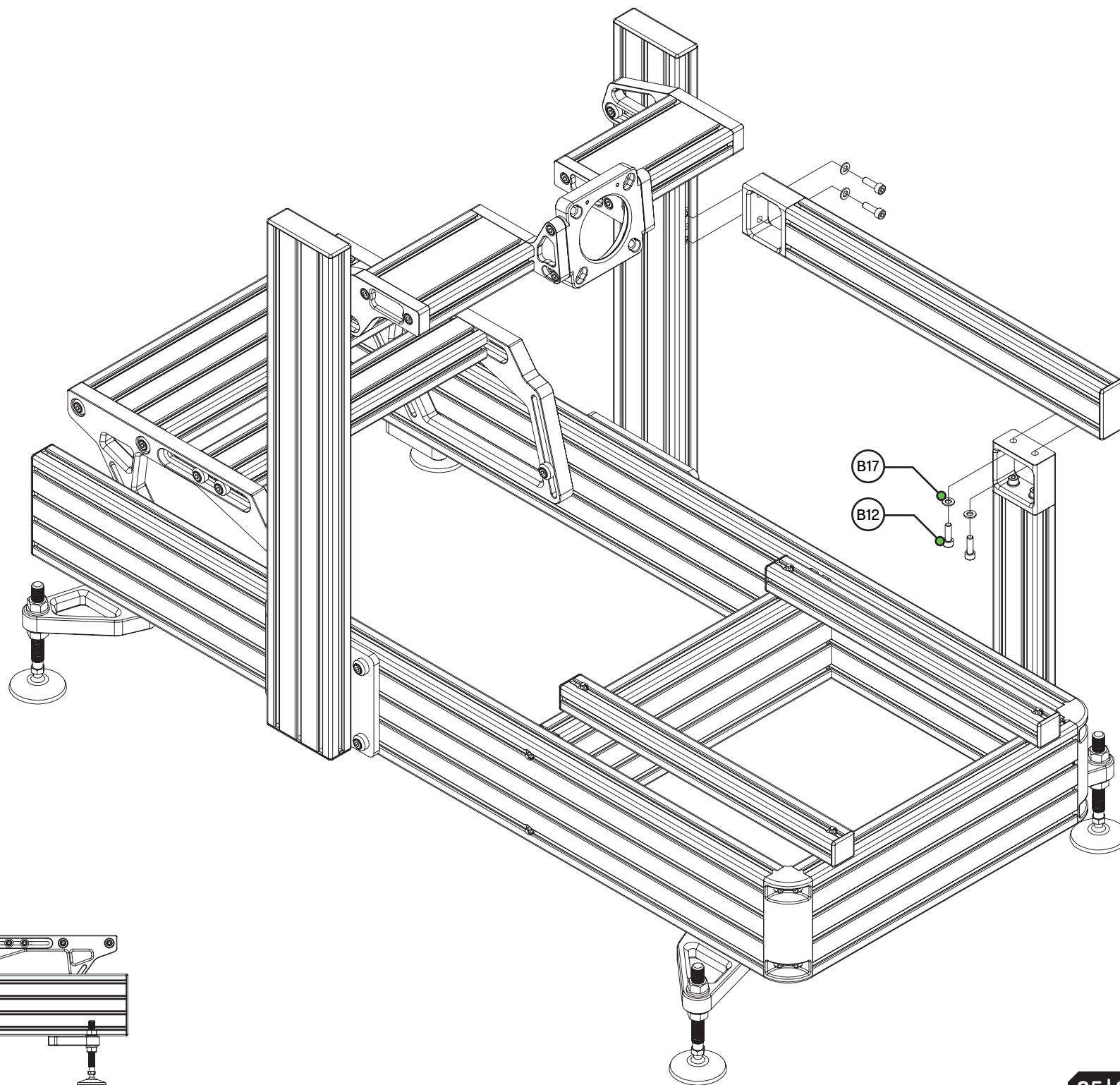
Washer M8



4X



4X



| BOX A - PROF 70A<br>PROFILE KIT |                         |     |            |
|---------------------------------|-------------------------|-----|------------|
| #                               | Part                    | QTY | Note       |
| A1                              | 160X40 UL Length=1350mm | 2   | Machined.  |
| A2                              | 160X40 UL Length=500mm  | 1   | Crossbeam. |
| A3                              | 160X40 UL Length=490mm  | 1   | Rear.      |
| A4                              | 120X40 Length=800mm     | 2   | Uprights.  |
| A5                              | 40X40 Length=500mm      | 2   | Machined.  |

| BOX B - PACK 70B<br>PROFILE KIT |                           |     |              |
|---------------------------------|---------------------------|-----|--------------|
| #                               | Part                      | QTY | Note         |
| B1                              | 80X40 Length=580mm        | 1   | Side mount.  |
| B2                              | 80X40 Length=320mm        | 1   | Side mount.  |
| HARDWARE KIT                    |                           |     |              |
| B3                              | Corner bracket 160x40     | 2   |              |
| B4                              | Profile 160x40 end-cap    | 2   |              |
| B5                              | Profile 120x40 end-cap    | 4   |              |
| B6                              | Profile 80x40 end-cap     | 2   |              |
| B7                              | Profile 40x40 end-cap     | 4   |              |
| B8                              | Upright sandwich plate    | 2   |              |
| B9                              | Side mount sandwich plate | 1   |              |
| B10                             | Side mount bracket        | 2   |              |
| B11                             | Bolt M8 X 40 DIN 912      | 8   |              |
| B12                             | Bolt M8 X 25 DIN 912      | 18  |              |
| B13                             | Bolt M8 X 20 DIN 912      | 8   |              |
| B14                             | Bolt M8 X 20 DIN 7991     | 10  | Countersunk. |
| B15                             | Cap-Washer M8             | 10  |              |

| B16                            | Washer M8 DIN 988    | 18 |                                 |
|--------------------------------|----------------------|----|---------------------------------|
| B17                            | Washer M8 DIN 125-A  | 8  |                                 |
| B18                            | Slot-Nut M8          | 28 |                                 |
| HARDWARE KIT - ADJUSTABLE FEET |                      |    |                                 |
| B19                            | Foot support plate   | 4  |                                 |
| B20                            | Foot                 | 4  | Threaded ball-joint rod fitted. |
| B21                            | Bolt M8 X 25 DIN 912 | 8  |                                 |
| B22                            | Washer M16 DIN 125-A | 8  | Pre-installed.                  |
| B23                            | Nut M16              | 8  | Pre-installed.                  |
| B24                            | Slot-Nut M8          | 8  |                                 |

| BOX C - Pedal Deck<br>PROFILE KIT                                                                                                                        |                      |     |        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----|--------|
| #                                                                                                                                                        | Part                 | QTY | Note   |
| C1                                                                                                                                                       | 160X40 Length=450mm  | 1   |        |
| C2                                                                                                                                                       | 80X40 Length=450mm   | 1   |        |
| HARDWARE KIT                                                                                                                                             |                      |     |        |
| C3                                                                                                                                                       | Pedal deck bracket   | 2   |        |
| C4                                                                                                                                                       | Bolt M8 X 40 DIN 912 | 6   |        |
| C5                                                                                                                                                       | Bolt M8 X 30 DIN 912 | 8   |        |
| C6                                                                                                                                                       | Bolt M6 X 16 DIN 912 | 12  | Extra. |
| C7                                                                                                                                                       | Bolt M5 X 16 DIN 912 | 12  | Extra. |
| C8                                                                                                                                                       | Cap-Washer M8        | 14  |        |
| C9                                                                                                                                                       | Washer M8 DIN 988    | 14  |        |
| C10                                                                                                                                                      | Slot-Nut M8          | 6   |        |
| C11                                                                                                                                                      | Slot-Nut M6          | 12  | Extra. |
| C12                                                                                                                                                      | Slot-Nut M5          | 12  | Extra. |
| Disclaimer: for some entries on this page, we supply more than required as spare materials. Don't worry if you have some leftovers, this is intentional. |                      |     |        |

**BOX D - Wheel Deck (optional purchase)**  
**HARDWARE KIT**

| #  | Part                 | QTY | Note |
|----|----------------------|-----|------|
| D1 | Wheel deck           | 1   |      |
| D2 | Bolt M8 X 50 DIN 912 | 2   |      |
| D3 | Bolt M8 X 20 DIN 912 | 2   |      |
| D4 | Washer M8 DIN 125-A  | 4   |      |
| D5 | Slot-Nut M8          | 4   |      |

**BOX E - Front Mount (optional purchase)**  
**PROFILE KIT**

| #  | Part                   | QTY | Note |
|----|------------------------|-----|------|
| E1 | 120X40 UL Length=192mm | 2   |      |

**HARDWARE KIT**

|     |                       |    |        |
|-----|-----------------------|----|--------|
| E2  | Front mount           | 1  |        |
| E3  | Front mount bracket A | 2  |        |
| E4  | Front mount bracket B | 2  |        |
| E5  | Front mount spacer    | 12 |        |
| E6  | Bolt M8 X 40 DIN 912  | 4  | Extra. |
| E7  | Bolt M8 X 25 DIN 912  | 16 |        |
| E8  | Cap-Washer M8         | 4  |        |
| E9  | Washer M8 DIN 988     | 4  |        |
| E10 | Washer M8 DIN 125-A   | 4  | Extra. |
| E11 | Lock-Nut M8           | 4  | Extra. |
| E12 | Slot-Nut M8           | 4  |        |

**BOX F - Fanatec DD Mount (optional purchase)**  
**PROFILE KIT**

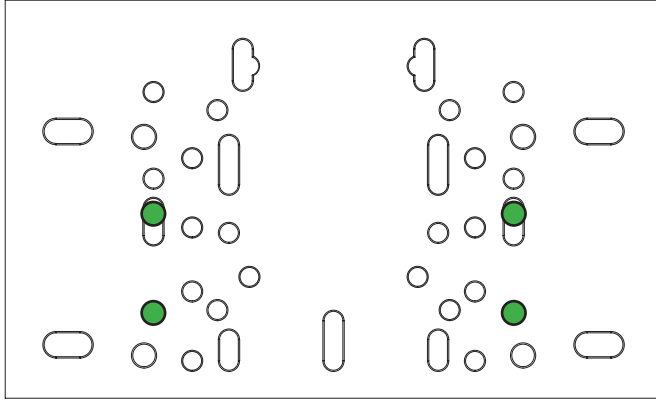
| #  | Part                   | QTY | Note |
|----|------------------------|-----|------|
| F1 | 120X40 UL Length=176mm | 2   |      |

**HARDWARE KIT**

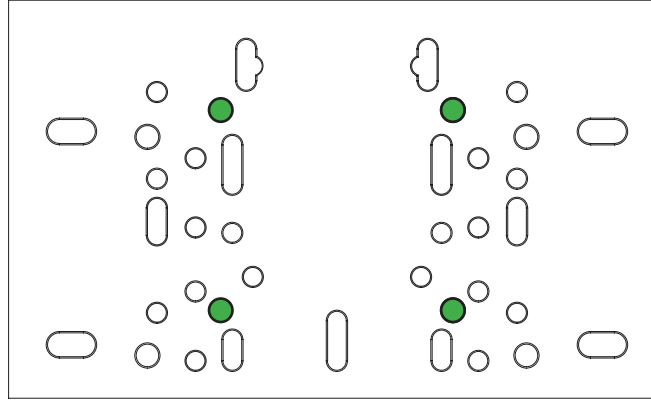
|     |                         |      |                             |
|-----|-------------------------|------|-----------------------------|
| F2  | Front mount bracket A   | 2    |                             |
| F3  | Front mount bracket B   | 2    |                             |
| F4  | Front mount spacer      | 12   |                             |
| F5  | CSL spacer              | 2    | Only for CSL/GT DD.         |
| F6  | Bolt M8 X 25 DIN 912    | 12+4 | Also used to mount DD1/DD2. |
| F7  | Bolt M6 X 20 DIN 7380-2 | 4    |                             |
| F8  | Cap-Washer M8           | 4    |                             |
| F9  | Washer M8 DIN 988       | 4    |                             |
| F10 | Slot-Nut M8             | 4    |                             |

*Disclaimer: for some entries on this page, we supply more than required as spare materials. Don't worry if you have some leftovers, this is intentional.*

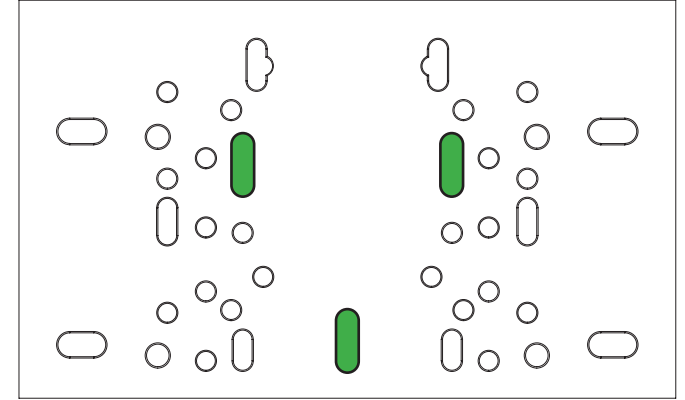
Accuforce 1/2



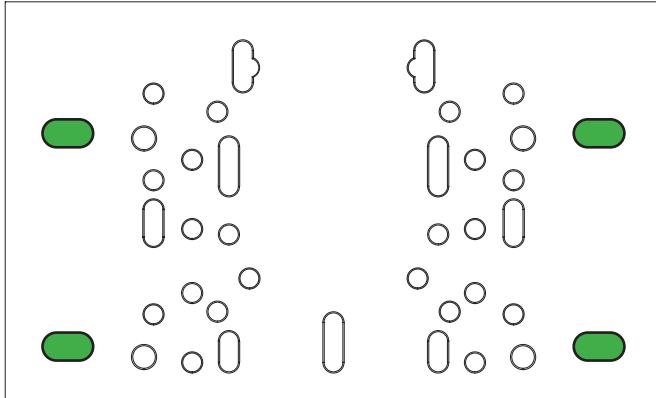
Asetek Forte/Invicta/Prima



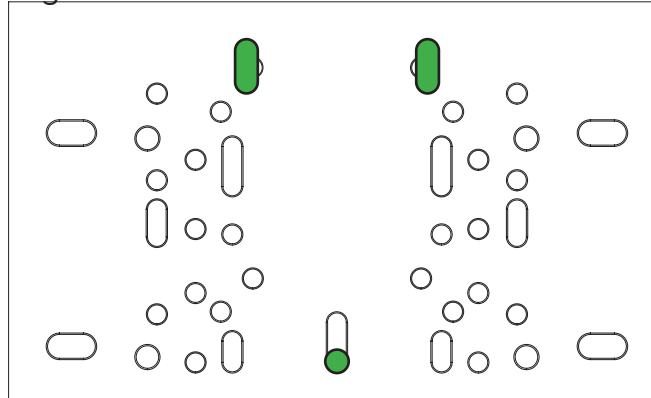
Fanatec



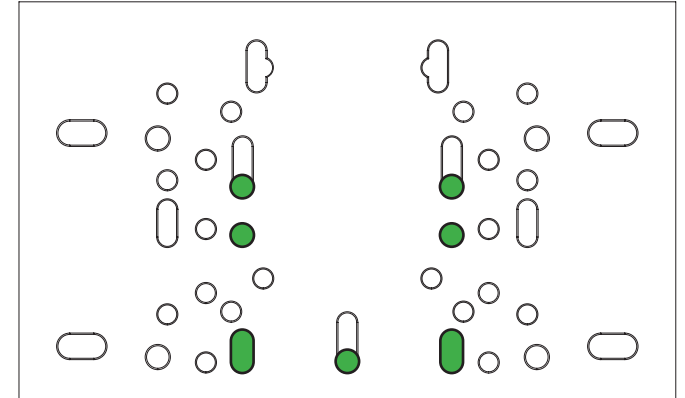
HRS/Sim-Lab Servo Mount



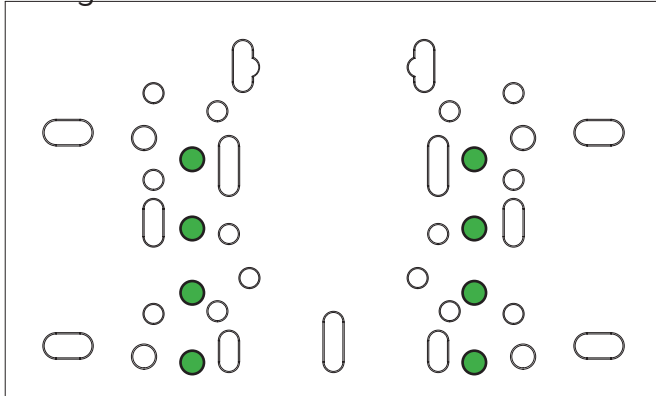
Logitech



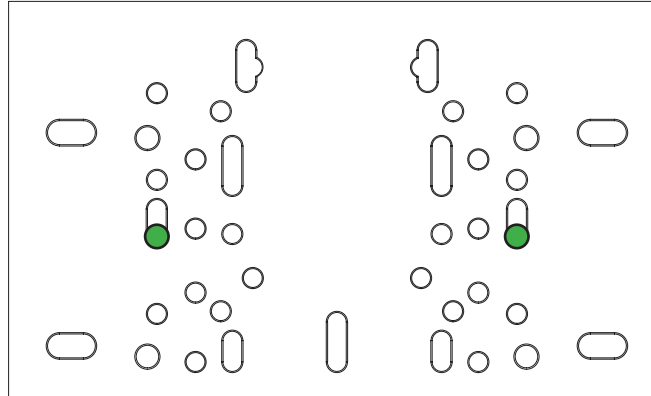
MOZA



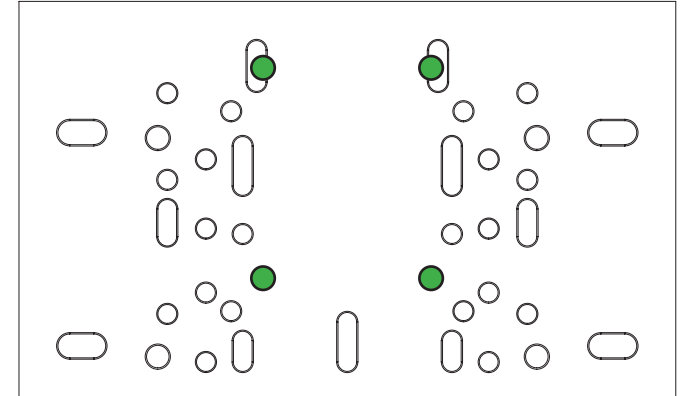
Simagic



Thrustmaster



Thrustmaster T818



If you still have some questions regarding assembly of this product or about the manual itself, please refer to our support department. They can be reached at

support@sim-lab.eu

Alternatively, we now have a Discord server where there are quite some experienced Sim-Lab customers hanging out. They might just help you along if you ask them nicely ;)

[www.sim-lab.eu/discord](http://www.sim-lab.eu/discord)

If you feel like printing this manual, please consider the environment before doing so. For the best results, make sure you print at 100% scale without borders.

[Product page on the Sim-Lab website:](#)

